

MONTHLY BULLETIN of REGIONAL and TELESEISMIC EVENTS RECORDED with GRF- and GRSN-STATIONS in GERMANY

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(produced by SZGRF/BGR - ERLANGEN and partly by CLL - Observatory)

MARCH 2006 UPDATED 2.JUNE.2006

Please note that local events recorded in Germany are part of the "LOCAL BULLETIN".

(Format description at the end of the bulletin)

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source		
2006/03/01	09:36:42.2	35.299N	90.443E	33.0N	5.1			SZGRF		
Qinghai, China										
Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	09:46:27.5	57.4	72.2	1.1	22	5.1		
Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source		
2006/03/01	11:04:24.2	15.038N	119.100E	33.0N	5.6	5.9		SZGRF		
Luzon, Philippine Islands										
Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	11:17:09.3	87.6	68.9	1.0	55	5.8		
CLL	i P	Z	11:17:10.7	88.0	68.2	1.1	50	5.7		
	e (PP)	Z	11:20:54.0							
	e S	N	11:28:06.1							
	e SP	Z	11:29:14.1							
	e (SS)	E	11:34:17.5							
	e LR	Z	11:52:42.1							
	e L	Z	11:59:36.2			22.0	3163		5.7	
BSEG	e P	Z	11:17:13.3	88.5	66.2	1.1	56	5.7		
GEC2	e P	Z	11:17:13.7	88.5	68.7	1.1	39	5.6		
TANN	e P	Z	11:17:14.4	88.6	67.8	1.1	30	5.4		
WET	e P	Z	11:17:14.5	88.9	68.0	1.4	42	5.5		
ROTZ	e P	Z	11:17:16.3	89.0	67.5	1.1	47	5.6		
MOX	e P	Z	11:17:16.1	89.0	67.1	1.2	37	5.5		
CLZ	e P	Z	11:17:17.5	89.3	66.2	1.4	75	5.7		
GRA1	e P	Z	11:17:19.1	89.7	66.8	1.3	57	5.7		
	e L	Z	12:01:00.0			18.6	4086		5.9	

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UBBA	e P	Z	11:17:20.3	89.9	65.9	1.4	34	5.4
IBBN	e P	Z	11:17:23.1	90.5	64.1	1.2	55	5.7
TNS	e P	Z	11:17:25.9	91.1	64.7	1.1	28	5.5
BUG	e P	Z	11:17:26.0	91.2	63.7	1.1	34	5.6
STU	e P	Z	11:17:26.6	91.2	65.3	1.0	40	5.7
BFO	e P	Z	11:17:29.3	91.9	64.6	1.3	32	5.5

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/01	14:35:52.0	1.751N	98.818E	33.0N	5.0			SZGRF

Northern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 14:48:34.8	87.1	90.7	1.0	13	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/01	18:40:14.9	28.017N	129.778E	33.0N	5.2			SZGRF

Ryukyu Islands, Japan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 18:52:48.0	85.1	51.1	1.4	20	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/01	19:00:47.0	20.100S	169.850E	40.1				SZGRF

Vanuatu Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
MOX	e PKPbc	Z 19:20:18.1	145.0	37.3					
ROTZ	e PKPbc	Z 19:20:20.3	145.4	39.0					
GEC2	e PKPbc	Z 19:20:20.6	145.5	42.1					
WET	e PKPbc	Z 19:20:20.5	145.6	40.6					
BUG	e PKPbc	Z 19:20:21.0	145.8	30.0					
GRA1	e PKPbc	Z 19:20:21.6	145.9	37.6					
TNS	e PKPbc	Z 19:20:23.4	146.5	32.8					
	e pPKPbc	Z 19:20:35.4							
STU	e PKPbc	Z 19:20:26.0	147.4	35.3					
WLF	e PKPbc	Z 19:20:27.6	147.7	29.6					
BFO	e PKPbc	Z 19:20:28.2	148.1	34.3					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/01	19:07:37.1	22.910S	179.420W	33.0G				NEIC

South of Fiji Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	19:27:15.2	148.1	17.2					
	e PKPab	Z	19:27:22.2							
CLL	e PKPbc	Z	19:27:19.5	150.0	23.4					
	e PKPab	Z	19:27:29.7							
IBBN	e PKPab	Z	19:27:30.5	150.1	13.3					
CLZ	e PKPbc	Z	19:27:19.9	150.1	18.3					
	e PKPab	Z	19:27:30.5							
BRG	e PKPbc	Z	19:27:19.9	150.2	25.3					
	e PKPab	Z	19:27:30.5							
MOX	e PKPbc	Z	19:27:21.4	151.0	21.3					
	e PKPab	Z	19:27:33.8							
TANN	e PKPbc	Z	19:27:21.8	151.0	23.0					
	e PKPab	Z	19:27:33.9							
BUG	e PKPbc	Z	19:27:22.0	151.0	12.8					
	e PKPab	Z	19:27:33.8							
UBBA	e PKPbc	Z	19:27:21.9	151.1	18.2					
ROTZ	e PKPab	Z	19:27:37.0	151.6	23.0					
GRA1	e PKPab	Z	19:27:38.2	151.9	21.2					
TNS	e PKPbc	Z	19:27:24.0	152.0	15.6					
	e PKPab	Z	19:27:38.1							
WET	e PKPab	Z	19:27:38.8	152.0	24.7					
GEC2	e PKPbc	Z	19:27:24.0	152.1	26.5					
	e PKPab	Z	19:27:38.5							
WLF	e PKPbc	Z	19:27:26.6	152.9	11.3					
	e PKPab	Z	19:27:42.9							
STU	e PKPab	Z	19:27:43.6	153.3	17.9					
BFO	e PKPab	Z	19:27:46.1	153.8	16.4					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/02								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z	08:07:38.0							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/02	11:41:22.5	53.140N	157.570E	33.0N	5.1			SZGRF
Kamchatka Peninsula, Russia								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	11:52:30.3	69.5	20.3	1.2	24	5.2		
CLL	e P	Z	11:52:40.5	71.4	21.5	1.1	16	5.1		
CLZ	e P	Z	11:52:41.9	71.5	20.0	1.0	34	5.4		
IBBN	e P	Z	11:52:42.6	71.6	18.5	0.9	34	5.5		

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MOX	e P	Z	11:52:46.7	72.3	20.6	0.9	8	4.9
BUG	e P	Z	11:52:47.5	72.5	18.2	0.8	25	5.4
ROTZ	e P	Z	11:52:50.8	73.0	20.9	1.1	10	4.8
GRA1	e P	Z	11:52:52.8	73.3	20.3	0.9	20	5.1
TNS	e P	Z	11:52:53.5	73.4	18.7	0.8	20	5.2
WET	e P	Z	11:52:54.0	73.4	21.2	1.3	22	5.0
GEC2	e P	Z	11:52:54.0	73.5	21.6	0.9	6	4.6
FUR	e P	Z	11:53:01.4	74.7	20.2	1.1	34	5.3
BFO	e P	Z	11:53:03.5	75.2	18.5	0.9	16	5.1

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/02 15:25:0.6 17.310S 176.990W 629.5
 Fiji Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	15:43:21.3	142.9	11.6					
CLZ	e PKPbc	Z	15:43:28.1	145.0	12.3					
CLL	e PKPpdf	Z	15:43:27.0	145.1	16.8					
	i PKPbc	Z	15:43:28.1			0.8	52			
	e		15:43:35.5							
	e pPKPpdf	Z	15:45:54.0							
	e SKPpdf	Z	15:46:02.8							
	e SKPbc	Z	15:46:08.8							
BRG	e PKPbc	Z	15:43:28.7	145.3	18.6					
MOX	e PKPbc	Z	15:43:30.8	146.0	14.8					
UBBA	e PKPbc	Z	15:43:30.6	146.0	12.0					
TANN	e PKPbc	Z	15:43:31.0	146.0	16.3					
ROTZ	e PKPbc	Z	15:43:32.9	146.7	16.1					
TNS	e PKPbc	Z	15:43:33.2	146.8	9.5					
GRA1	e PKPbc	Z	15:43:33.7	146.9	14.5					
	e pPKPbc	Z	15:45:55.7							
WET	e PKPbc	Z	15:43:34.7	147.2	17.6					
GEC2	e PKPbc	Z	15:43:34.2	147.3	19.1					
FUR	e PKPbc	Z	15:43:37.5	148.4	15.2					
BFO	e PKPbc	Z	15:43:37.8	148.7	9.8					

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/02 17:17:21.2 24.860N 93.560E 33.0N 5.3
 Myanmar-India border region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	17:27:56.3	64.6	81.2	1.5	24	5.2		
GEC2	e P	Z	17:27:59.4	65.1	80.1	0.9	20	5.3		
WET	e P	Z	17:28:02.5	65.5	79.6	0.9	9	5.0		
TANN	e P	Z	17:28:02.8	65.6	79.9	1.1	11	5.0		

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ROTZ	e P	Z	17:28:05.2	65.9	79.4	0.9	24	5.4
MOX	e P	Z	17:28:05.8	66.1	79.4	1.0	11	5.0
BSEG	e P	Z	17:28:07.3	66.3	79.9	1.1	31	5.5
GRA1	e P	Z	17:28:08.9	66.5	78.7	1.3	31	5.4
CLZ	e P	Z	17:28:09.3	66.6	79.0	0.7	14	5.3
STU	e P	Z	17:28:18.0	68.0	76.9	1.0	27	5.4
TNS	e P	Z	17:28:18.9	68.1	76.9	1.2	18	5.2
WLF	e P	Z	17:28:29.1	69.7	75.1	1.2	48	5.5

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/02	19:03:24.3	20.860S	173.160W	33.0N				SZGRF
Tonga Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	19:23:02.6	146.8	5.9					
RUE	e PKPbc	Z	19:23:05.6	147.9	12.3					
IBBN	e PKPbc	Z	19:23:07.3	148.5	1.6					
CLZ	e PKPbc	Z	19:23:08.4	148.9	6.4					
CLL	e PKPbc	Z	19:23:08.9	149.2	11.3					
BUG	e PKPbc	Z	19:23:09.5	149.4	0.8					
BRG	e PKPbc	Z	19:23:10.0	149.5	13.1					
MOX	e PKPbc	Z	19:23:11.0	150.0	8.9					
WERD	e PKPbc	Z	19:23:11.4	150.1	10.3					
MANZ	e PKPbc	Z	19:23:12.9	150.6	10.1					
TNS	e PKPbc	Z	19:23:12.7	150.6	3.1					
ROTZ	e PKPbc	Z	19:23:13.4	150.8	10.3					
GRA1	e PKPbc	Z	19:23:13.8	151.0	8.5					
WLF	e PKPbc	Z	19:23:14.7	151.2	358.7					
GEC2	e PKPbc	Z	19:23:14.7	151.5	13.5					
STU	e PKPbc	Z	19:23:16.2	152.0	4.7					
FUR	e PKPbc	Z	19:23:17.2	152.5	9.0					
BFO	e PKPbc	Z	19:23:16.8	152.5	3.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/02	23:35:51.2	20.050N	63.750W	33.0N	5.4	5.1		SZGRF
North Atlantic Ocean								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z	23:46:10.2	61.9	268.4	1.6	90	5.8		
BUG	e P	Z	23:46:15.2	62.7	268.4	1.5	42	5.3		
TNS	e P	Z	23:46:21.0	63.4	269.9	1.3	41	5.5		
STU	e P	Z	23:46:23.8	63.9	271.2	0.9	27	5.5		
BSEG	e P	Z	23:46:28.0	64.6	269.6	0.8	16	5.3		
CLZ	e P	Z	23:46:28.4	64.6	270.6	1.2	22	5.3		
GRA1	e P	Z	23:46:31.9	65.2	272.3	0.8	13	5.2		

FUR	e P	Z	23:46:32.4	65.3	273.0	0.9	17	5.3
MOX	e P	Z	23:46:33.7	65.4	272.1	1.7	22	5.1
ROTZ	e P	Z	23:46:36.8	65.9	273.0	1.3	28	5.3
TANN	e P	Z	23:46:37.5	66.0	272.9	1.2	22	5.3
CLL	e P	Z	23:46:38.3	66.3	272.9	0.9	18	5.3
	e		23:46:50.8					
	e PcP	Z	23:47:01.0					
	e S	E	23:55:33.8					
	e PS	E	23:55:57.1					
	e SS	E	23:59:52.7					
	e LR	Z	00:07:01.4					
	e L	Z	00:10:04.3			22.0	1986	5.3
WET	e P	Z	23:46:38.9	66.3	273.8	1.6	47	5.5
BRG	e P	Z	23:46:42.9	66.9	273.8	0.8	17	5.3
GRA1	e L	Z	00:09:53.2	65.2	272.3	21.6	1334	5.1

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/03 12:53: 7.5 22.795S 177.984W 33.0N 5.1 SZGRF
 South of Fiji Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	13:12:50.5	148.2	14.6					
	e PP	Z	13:16:28.1							
RUE	e PKPbc	Z	13:12:52.3	149.0	21.4					
IBBN	e PKPpdf	Z	13:12:50.8	150.2	10.7					
	e PKPbc	Z	13:12:55.5							
CLL	e PKPpdf	Z	13:12:51.1	150.2	20.7					
	e PKPbc	Z	13:12:55.5							
CLZ	e PKPpdf	Z	13:12:51.2	150.2	15.7					
	e PKPbc	Z	13:12:55.9							
	e PP	Z	13:16:33.9							
BRG	e PKPpdf	Z	13:12:51.7	150.4	22.7					
	e PKPbc	Z	13:12:56.0							
	e PKPab	Z	13:13:02.3							
BUG	e PKPbc	Z	13:12:57.5	151.1	10.0					
MOX	e PKPpdf	Z	13:12:52.4	151.2	18.6					
	e PKPbc	Z	13:12:57.8							
	e PKPab	Z	13:13:05.2							
WERD	e PKPbc	Z	13:12:58.1	151.2	20.0					
	e PKPab	Z	13:13:05.6							
UBBA	e PKPbc	Z	13:12:57.9	151.3	15.5					
MANZ	e PKPbc	Z	13:12:59.4	151.7	19.9					
	e PKPab	Z	13:13:08.2							
ROTZ	e PKPbc	Z	13:12:59.7	151.9	20.2					
	e PKPab	Z	13:13:08.4							
	e PP	Z	13:16:40.5							
TNS	e PKPbc	Z	13:13:00.2	152.1	12.8					

	e PKPab	Z	13:13:09.3								
	e PP	Z	13:16:46.3								
GRA1	e PKPdf	Z	13:12:54.0	152.1	18.4						
	e PKPbc	Z	13:12:59.8								
	e PKPab	Z	13:13:09.8								
	e PP	Z	13:16:41.8								
	e L	Z	13:50:15.0			18.0	253	5.1			
WET	e PKPbc	Z	13:12:59.6	152.3	21.9						
	e PKPab	Z	13:13:10.4								
GEC2	e PKPbc	Z	13:13:00.5	152.4	23.7						
	e PKPab	Z	13:13:10.7								
	e PP	Z	13:16:43.5								
WLF	e PKPdf	Z	13:12:56.4	152.9	8.4						
	e PKPbc	Z	13:13:02.4								
	e PKPab	Z	13:13:13.6								
STU	e PKPbc	Z	13:13:02.9	153.4	14.9						
	e PKPab	Z	13:13:15.1								
FUR	e PKPbc	Z	13:13:03.2	153.6	19.5						
	e PKPab	Z	13:13:16.0								
	e PP	Z	13:16:49.1								
BFO	e PKPdf	Z	13:12:57.2	154.0	13.4						
	e PKPbc	Z	13:13:04.1								
	e PKPab	Z	13:13:17.0								

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/03 13:09:30.0 17.778N 63.428W 33.0N 5.2 4.5 SZGRF
 Leeward Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 13:20:18.0	66.7	270.3	1.3	21	5.2		
	e L	Z 13:42:41.6			22.0	292		4.5	

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/03 16:51:46.5 35.996N 90.690E 33.0N 4.3 SZGRF
 Qinghai, China

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 17:01:29.6	57.1	71.4	0.8	2	4.3		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/03 23:36:27.9 55.712S 4.135W 10G 5.2 5.4 NEIC
 Southern Mid-Atlantic Ridge

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Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PP	Z 23:55:17.4	107.6	190.1					
	e Sdiff	E 00:02:54.9							
	e PS	N 00:04:48.4							
	e SS	E 00:10:36.6							
	e SSS	E 00:14:33.9							
	e LR	Z 00:28:06.5							
	e L	Z 00:36:40.3			22.0	818		5.2	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/04	00:40:31.7	54.087N	159.673W	33.0N	4.8			SZGRF

South of Alaska

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 00:52:15.6	75.9	354.5	0.8	6	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/04	00:53:23.8	0.276S	28.103W	33.0N	4.9	4.8		SZGRF

Central Mid-Atlantic Ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 01:03:29.0	60.2	226.9	1.4	16	4.9		
	e S	N 01:11:43.9							
	e L	Z 01:26:16.9			20.9	755		4.8	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/04	02:50:10.0	19.657N	64.476W	33.0N	4.8			SZGRF

Virgin Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 03:00:53.5	66.0	272.5	1.3	8	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/04	08:11:34.4	12.863N	90.342W	33.0N	5.2	5.3		SZGRF

Off coast of central America

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 08:24:13.1	85.8	286.1					
GRA1	e P	Z 08:24:19.2	87.5	287.1	1.4	19	5.2		
	e PP	Z 08:27:36.9							
	e SKSac	E 08:34:51.9							

	e L	Z	08:58:29.8			21.9	1178		5.3
WERD	e P	Z	08:24:22.4	88.0	287.9				
CLL	e P	Z	08:24:24.6	88.2	288.3	1.8	39	5.4	
	e pP	Z	08:24:30.0						
	e PP	Z	08:27:43.4						
	e SKSac	E	08:34:52.6						
	e PS	E	08:36:17.3						
	e SS	N	08:40:59.4						
	e LR	Z	08:53:28.7						
	e L	Z	09:03:03.6			18.0	651		5.1
WET	e P	Z	08:24:26.1	88.7	288.3				

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/04	18:38:13.5	33.680N	137.880E	338.5	5.7			SZGRF
Near south coast of eastern Honshu, Japan								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e P	Z	18:49:53.1	81.0	44.2	1.2	96	5.7		
	e PP	Z	18:53:04.4							
BSEG	e P	Z	18:49:54.7	81.4	41.8	1.2	87	5.7		
BRG	e P	Z	18:49:58.5	82.1	44.2	1.1	52	5.6		
	e PP	Z	18:53:10.7							
CLL	e P	Z	18:49:58.9	82.2	43.6	0.9	118	6.1		
	e pP	Z	18:51:16.7							
	e PP	Z	18:53:12.4							
	e S	E	18:59:44.9							
	e SS	E	19:05:15.0							
CLZ	e P	Z	18:50:02.9	82.9	41.7	1.0	136	6.1		
WERD	e P	Z	18:50:03.7	83.1	43.0	1.1	48	5.7		
	e PP	Z	18:53:19.9							
MOX	e P	Z	18:50:04.4	83.3	42.5	0.9	40	5.6		
	e PP	Z	18:53:22.2							
MANZ	e P	Z	18:50:06.0	83.6	42.8	1.0	46	5.7		
	e PP	Z	18:53:24.5							
IBBN	e P	Z	18:50:05.9	83.6	39.8	0.6	125	6.3		
	e pP	Z	18:51:24.4							
ROTZ	e P	Z	18:50:06.9	83.7	42.9	1.6	131	5.9		
	e pP	Z	18:51:26.7							
GEC2	e P	Z	18:50:06.2	83.7	43.8	0.7	32	5.6		
	e PP	Z	18:53:21.7							
WET	e P	Z	18:50:07.4	83.8	43.3	1.0	21	5.3		
UBBA	e P	Z	18:50:07.0	83.9	41.3	0.9	16	5.3		
GRA1	e P	Z	18:50:09.3	84.2	42.1	1.0	96	6.0		
	e pP	Z	18:51:28.3							
	e PP	Z	18:53:29.8							
BUG	e P	Z	18:50:10.0	84.5	39.4	0.9	79	5.9		
TNS	e P	Z	18:50:12.8	85.0	40.2	1.2	28	5.4		

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FUR	e P	Z	18:50:14.4	85.3	42.1	0.9	37	5.5
	e PP	Z	18:53:37.0					
STU	e P	Z	18:50:16.3	85.7	40.6	0.9	26	5.3
WLF	e P	Z	18:50:20.9	86.3	38.5	0.8	23	5.3
	e pP	Z	18:51:39.3					
BFO	e P	Z	18:50:19.4	86.4	40.0	0.8	12	5.1
	e pP	Z	18:51:39.4					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/05	00:04:22.1	52.810N	32.530W	33.0N	4.7	3.7		SZGRF
Reykjanes Ridge								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z 00:09:35.3	24.1	292.4	1.1	16	4.5		
BUG	e P	Z 00:09:35.9	24.2	289.0	1.2	33	4.8		
IBBN	e P	Z 00:09:36.6	24.2	287.4	1.0	48	5.0		
BSEG	e P	Z 00:09:46.0	25.2	285.1	1.3	54	5.1		
TNS	e P	Z 00:09:47.4	25.3	291.9	1.1	42	5.1		
CLZ	e P	Z 00:09:52.3	25.8	289.3	1.4	51	5.0		
BFO	e P	Z 00:09:52.5	26.0	295.4	1.0	12	4.5		
UBBA	e P	Z 00:09:53.3	26.0	291.1	1.5	15	4.4		
STU	e P	Z 00:09:55.9	26.3	294.8	0.9	20	4.8		
MOX	e P	Z 00:10:01.9	27.0	292.0	1.0	8	4.4		
GRA1	e P	Z 00:10:04.0	27.1	293.6	1.3	19	4.7		
	e L	Z 00:18:48.3			20.7	216		3.7	
WERD	e P	Z 00:10:06.0	27.5	292.5	1.5	18	4.7		
MANZ	e P	Z 00:10:07.1	27.5	293.3	1.2	7	4.3		
CLL	e P	Z 00:10:06.8	27.6	291.2	0.8	13	4.8		
FUR	e P	Z 00:10:09.8	27.8	296.3	0.9	30	5.1		
BRG	e P	Z 00:10:13.2	28.3	292.3	0.9	8	4.5		
GEC2	e P	Z 00:10:19.9	29.0	295.6	1.4	17	4.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/05	02:40:25.7	52.380N	33.850W	33.0N	4.9	4.0		SZGRF
Reykjanes Ridge								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z 02:45:47.9	25.0	291.7	1.1	26	4.9		
BUG	e P	Z 02:45:49.1	25.0	288.5	0.9	29	5.0		
IBBN	e P	Z 02:45:49.2	25.1	286.9	0.9	69	5.4		
BSEG	e P	Z 02:45:58.1	26.1	284.8	1.0	60	5.2		
TNS	e P	Z 02:45:59.7	26.2	291.3	1.0	49	5.1		
CLZ	e P	Z 02:46:04.8	26.7	288.9	1.2	39	5.0		
BFO	e P	Z 02:46:05.0	26.8	294.7	1.1	19	4.7		
UBBA	e P	Z 02:46:06.0	26.9	290.6	2.1	57	4.9		

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STU	e P	Z	02:46:08.4	27.2	294.1	0.8	28	5.0	
MOX	e P	Z	02:46:14.6	27.9	291.5	1.0	10	4.6	
GRA1	e P	Z	02:46:16.0	28.0	293.0	1.6	54	5.1	
	e L	Z	02:56:01.0			18.1	342		4.0
WERD	e P	Z	02:46:19.0	28.4	292.1	1.1	15	4.7	
MANZ	e P	Z	02:46:19.0	28.4	292.8	1.1	9	4.5	
CLL	e P	Z	02:46:19.9	28.5	290.8	0.8	14	4.8	
RUE	e P	Z	02:46:20.5	28.5	289.1	0.6	11	4.9	
ROTZ	e P	Z	02:46:20.9	28.6	293.2	1.5	14	4.6	
FUR	e P	Z	02:46:22.3	28.7	295.6	0.9	32	5.1	
BRG	e P	Z	02:46:25.9	29.2	291.9	1.0	10	4.6	
WET	e P	Z	02:46:26.7	29.2	294.4	1.3	8	4.4	
GEC2	e P	Z	02:46:31.5	29.8	295.1	1.2	17	4.8	

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/05 05:28:48.5 1.050S 74.840W 123.2 5.0 Northern Peru SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z	05:41:09.9	85.0	262.4	1.0	26	5.4		
	e pP	Z	05:41:42.6							
BUG	e P	Z	05:41:13.1	85.9	263.2	0.8	14	5.2		
IBBN	e P	Z	05:41:16.0	86.3	263.5	0.8	10	5.0		
	e pP	Z	05:41:47.9							
TNS	e P	Z	05:41:16.9	86.5	264.2	1.0	13	5.0		
	e pP	Z	05:41:48.2							
STU	e P	Z	05:41:18.3	86.9	264.8	2.1	42	5.2		
	e pP	Z	05:41:50.3							
CLZ	e P	Z	05:41:23.4	87.9	265.6	0.8	5	5.0		
BSEG	e P	Z	05:41:24.2	88.0	265.5	0.7	8	5.2		
GRA1	e P	Z	05:41:25.7	88.3	266.3	1.0	5	4.8		
	e pP	Z	05:41:57.3							
MOX	e P	Z	05:41:26.5	88.6	266.6	1.5	12	4.9		
MANZ	e P	Z	05:41:28.4	88.8	267.0	0.9	6	4.8		
	e sP	Z	05:42:13.1							
ROTZ	e P	Z	05:41:28.3	88.9	267.1	1.0	9	4.9		
WERD	e P	Z	05:41:28.6	89.0	267.1	1.4	14	5.0		
WET	e P	Z	05:41:29.9	89.3	267.6	2.0	46	5.4		
	e sP	Z	05:42:14.9							
CLL	e P	Z	05:41:30.9	89.5	267.7	0.9	7	4.9		
	e sP	Z	05:42:16.1							
GEC2	e P	Z	05:41:31.5	89.8	268.2					
	e sP	Z	05:42:19.1							
BRG	e P	Z	05:41:33.6	90.0	268.4	1.1	10	5.0		
	e pP	Z	05:42:02.8							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/05	08:07:56.5	20.095S	175.661W	206D	5.9			NEIC

Tonga Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPdf	Z	08:27:11.1	147.6	10.3					
RUE	e PKPdf	Z	08:27:13.3	148.5	16.9					
	e pPKPbc	Z	08:28:13.2							
IBBN	e PKPdf	Z	08:27:14.5	149.4	6.2					
	e pPKPbc	Z	08:28:14.6							
CLZ	e PKPdf	Z	08:27:15.2	149.6	11.1					
	e pPKPbc	Z	08:28:15.3							
CLL	e PKPdf	Z	08:27:15.1	149.8	16.1					
	i PKPbc	Z	08:27:19.3			1.1	756			
	e PKPab	Z	08:27:22.3							
	e pPKPbc	Z	08:28:09.6							
	e sPKPbc	Z	08:28:33.0							
	e sPP	Z	08:31:55.7							
	e SKSP	Z	08:40:52.6							
	e PPS	Z	08:43:37.9							
	e sSS	E	08:51:03.5							
	e SSS	E	08:55:18.3							
BRG	e PKPdf	Z	08:27:15.8	150.0	18.0					
BUG	e PKPdf	Z	08:27:15.6	150.3	5.4					
	e pPKPbc	Z	08:28:15.6							
MOX	e PKPdf	Z	08:27:16.5	150.6	13.8					
	e PKPbc	Z	08:27:21.6							
UBBA	e PKPdf	Z	08:27:16.4	150.7	10.7					
	e PKPbc	Z	08:27:21.4							
	e pPKPbc	Z	08:28:17.6							
WERD	e PKPdf	Z	08:27:16.8	150.7	15.2					
	e PKPbc	Z	08:27:21.5							
MANZ	e PKPdf	Z	08:27:17.7	151.2	15.0					
	e PKPbc	Z	08:27:23.0							
	e PKPab	Z	08:27:28.9							
	e pPKPbc	Z	08:28:17.7							
ROTZ	e PKPdf	Z	08:27:17.8	151.4	15.3					
	e PKPbc	Z	08:27:23.3							
	e PKPab	Z	08:27:29.5							
TNS	e PKPdf	Z	08:27:17.9	151.4	7.9					
	e PKPbc	Z	08:27:23.3							
	e PKPab	Z	08:27:30.0							
GRA1	e PKPdf	Z	08:27:18.3	151.6	13.5					
	e PKPbc	Z	08:27:24.3							
	e PKPab	Z	08:27:30.0							
WET	e PKPdf	Z	08:27:18.5	151.9	16.9					
	e PKPbc	Z	08:27:24.5							
GEC2	e PKPdf	Z	08:27:18.7	152.0	18.7					

	e	PKPbc	Z	08:27:24.6						
	e	PKPab	Z	08:27:31.5						
WLF	e	PKPdf	Z	08:27:19.3	152.1	3.5				
	e	PKPbc	Z	08:27:25.3						
	e	PKPab	Z	08:27:33.0						
STU	e	PKPdf	Z	08:27:20.0	152.8	9.8				
	e	PKPbc	Z	08:27:26.5						
FUR	e	PKPdf	Z	08:27:20.5	153.1	14.3				
	e	PKPbc	Z	08:27:27.0						
	e	PKPab	Z	08:27:37.1						
BFO	e	PKPdf	Z	08:27:20.4	153.3	8.2				
	e	PKPbc	Z	08:27:27.3						
	e	PKPab	Z	08:27:37.5						

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/05 08:58: 3.8 5.700S 147.400E 177.0N
 Eastern New Guinea, Papua New Guinea, region
 EMSC

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z	09:16:40.9	122.7	55.0					

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/05 10:42:35.6 68.780N 134.320W 33.0N 5.3 5.3
 Northwest Territories, Canada
 SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	10:52:06.2	54.6	345.1	1.8	122	5.6		
IBBN	e P	Z	10:52:11.5	55.7	344.4	1.4	55	5.4		
BUG	e P	Z	10:52:17.7	56.5	344.4	1.2	25	5.1		
	e PP	Z	10:54:21.3							
CLZ	e P	Z	10:52:18.6	56.6	345.5	1.2	65	5.5		
CLL	e P	Z	10:52:24.9	57.5	346.6	1.1	42	5.2		
	e PcP	Z	10:53:11.1							
	e PcS	N	10:57:18.9							
	e S	Z	11:00:40.6							
	e PS	N	11:00:56.1							
	e SS	N	11:04:37.3							
	e LR	Z	11:11:04.4							
	e L	Z	11:18:47.3			22.0	2898		5.4	
TNS	e P	Z	10:52:27.4	57.9	345.0	1.0	14	5.0		
	e PP	Z	10:54:30.2							
MOX	e P	Z	10:52:27.8	57.9	346.2	1.2	51	5.4		
	e PP	Z	10:54:30.2							
WLF	e P	Z	10:52:29.3	58.0	344.2	1.0	34	5.3		
	e PP	Z	10:54:34.6							

BRG	e P	Z	10:52:28.8	58.1	347.0	1.6	73	5.5			
WERD	e P	Z	10:52:31.5	58.2	346.5	1.3	28	5.1			
MANZ	e P	Z	10:52:32.8	58.7	346.4	1.7	45	5.2			
GRA1	e P	Z	10:52:34.1	58.8	346.1	1.0	28	5.2			
	e PP	Z	10:54:41.2								
	e S	R	11:00:53.8								
	e L	Z	11:21:17.5			20.1	2559		5.3		
ROTZ	e P	Z	10:52:34.8	58.9	346.5	1.9	74	5.4			
STU	e P	Z	10:52:38.3	59.4	345.5						
WET	e P	Z	10:52:40.8	59.6	346.9	1.2	49	5.4			
	e PP	Z	10:54:46.8								
BFO	e P	Z	10:52:40.7	59.7	345.3	1.2	36	5.3			
	e PP	Z	10:54:50.2								
GEC2	e P	Z	10:52:42.6	60.0	347.2	1.2	50	5.4			
FUR	e P	Z	10:52:45.5	60.3	346.4	0.9	37	5.2			

Date 2006/03/05
 Origin Time 15:11:19.7
 Lat 32.110N
 Long 93.651E
 Depth 33.0N
 mb 4.8
 Ms
 ML
 Source SZGRF
 Xizang

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 15:21:33.4	61.5	72.9	1.1	8	4.8		

Date 2006/03/05
 Origin Time 17:12:47.5
 Lat 18.155S
 Long 174.424W
 Depth 10.0N
 mb
 Ms
 ML
 Source SZGRF
 Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPdf	Z 17:32:24.1	144.0	7.7					
CLZ	e PKPdf	Z 17:32:28.9	146.1	8.2					
CLL	e PKPdf	Z 17:32:28.8	146.3	12.8					
BRG	e PKPdf	Z 17:32:28.2	146.6	14.6					
WERD	e PKPdf	Z 17:32:30.2	147.3	11.9					
MANZ	e PKPdf	Z 17:32:29.7	147.7	11.7					
TNS	e PKPdf	Z 17:32:30.2	147.9	5.1					
ROTZ	e PKPdf	Z 17:32:30.5	147.9	11.9					
GRA1	e PKPdf	Z 17:32:30.9	148.1	10.2					
WET	e PKPdf	Z 17:32:32.1	148.5	13.3					
WLF	e PKPdf	Z 17:32:32.1	148.5	1.0					
GEC2	e PKPdf	Z 17:32:32.4	148.6	14.9					
BFO	e PKPdf	Z 17:32:34.5	149.7	5.2					

Date Origin Time Lat Long Depth mb Ms ML Source

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 22:33:10.5							
	e	22:33:17.6							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/07	01:46:28.0	4.700S	152.400E	122.0N				NEIC
New Britain, Papua New Guinea, region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKPdf	Z 02:05:13.9	124.4	49.2					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/07	06:28:49.2	13.852S	168.124E	147.2				SZGRF
Vanuatu Islands								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e PKPpre	Z 06:47:53.1	136.3	37.5					
HLG	e PKPpre	Z 06:47:54.0	136.8	28.6					
BRG	e PKPpre	Z 06:47:54.9	137.5	38.7					
CLL	e PKPpre	Z 06:47:52.9	137.5	37.2					
	e PKPdf	Z 06:48:03.9			1.5	150			
	e pPKPdf	Z 06:48:40.7							
	e PP	Z 06:50:49.2							
	e SKPdf	Z 06:51:25.3							
	e sPP	Z 06:51:44.0							
	e SKKSac	N 06:57:35.7							
	e SKSP	Z 07:00:51.3							
	e PPS	Z 07:03:15.4							
	e SS	Z 07:08:56.9							
	e sSS	N 07:10:03.7							
	e LR	Z 07:34:22.5							
	e L	Z 07:48:24.3			22.0	951		5.5	
CLZ	e PKPpre	Z 06:47:55.9	138.0	33.3					
IBBN	e PKPpre	Z 06:47:57.0	138.5	29.5					
WERD	e PKPpre	Z 06:47:57.0	138.5	36.9					
MOX	e PKPpre	Z 06:47:57.2	138.6	35.8					
MANZ	e PKPpre	Z 06:47:58.2	138.9	36.9					
	e pPKPdf	Z 06:48:37.2							
UBBA	e PKPpre	Z 06:47:58.1	139.0	33.5					
ROTZ	e PKPpre	Z 06:47:58.3	139.1	37.2					
GEC2	e PKPpre	Z 06:47:58.3	139.2	39.9					
WET	e PKPpre	Z 06:47:58.7	139.3	38.5					
GRA1	e PKPpre	Z 06:47:59.3	139.5	35.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/07	18:20:44.3	23.060N	71.410E	33.0N	5.2	4.8		SZGRF

Southern India

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	18:29:48.2	51.8	98.2	1.6	59	5.3		
BRG	e P	Z	18:29:50.3	52.0	100.0	1.6	81	5.4		
RUE	e P	Z	18:29:52.4	52.4	101.1	0.7	18	5.1		
WET	e P	Z	18:29:53.9	52.4	97.8	1.5	23	4.9		
CLL	e P	Z	18:29:55.2	52.6	99.5	1.1	18	4.9		
	e PcP	Z	18:31:09.3							
	e S	N	18:37:18.2							
	e SS	N	18:41:01.0							
	e L	Z	18:58:26.0			20.0	1239		4.9	
ROTZ	e P	Z	18:29:57.0	52.9	97.7	1.4	53	5.3		
WERD	e P	Z	18:29:57.0	52.9	98.3	1.4	32	5.1		
MANZ	e P	Z	18:29:58.0	53.0	97.8	1.5	52	5.3		
FUR	e P	Z	18:29:58.7	53.3	95.7	1.0	32	5.2		
MOX	e P	Z	18:30:00.6	53.4	97.8	1.4	63	5.4		
GRA1	e P	Z	18:30:01.7	53.5	96.8	1.4	80	5.6		
	e S	N	18:37:34.5							
	e L	Z	18:57:22.2			19.8	769		4.8	
CLZ	e P	Z	18:30:07.3	54.3	97.7	1.2	26	5.1		
UBBA	e P	Z	18:30:08.1	54.4	96.6	1.7	37	5.1		
BSEG	e P	Z	18:30:09.7	54.7	99.1	1.5	73	5.5		
STU	e P	Z	18:30:09.9	54.7	94.5	1.0	32	5.3		
BFO	e P	Z	18:30:15.0	55.3	93.5	1.2	21	5.0		
TNS	e P	Z	18:30:15.1	55.3	94.9	1.4	54	5.4		
IBBN	e P	Z	18:30:19.1	56.0	95.8	1.4	79	5.5		
BUG	e P	Z	18:30:20.6	56.2	94.8	1.2	24	5.1		
WLF	e P	Z	18:30:25.3	56.8	92.7	1.5	48	5.3		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/08								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z	00:06:29.3							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/08	06:33:39.8	4.230N	96.160E	33.0N	5.3			SZGRF

Northern Sumatera, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
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BRG	e P	Z	06:45:56.0	81.8	93.4	1.1	18	5.1	
GEC2	e P	Z	06:45:56.5	81.9	92.9	1.3	32	5.3	
RUE	e P	Z	06:45:56.9	82.0	93.5	0.7	67	5.9	
WET	e P	Z	06:45:59.1	82.4	92.3	1.2	20	5.1	
CLL	i P	+ Z	06:47:39.1	82.4	92.7	0.9	108	6.0	
	e pP	Z	06:47:49.5						
	e PP	Z	06:50:36.5						
	e SS	E	07:02:36.7						
	e SSS	E	07:06:04.5						
	e LR	Z	07:14:08.3						
	e L	Z	07:22:48.0			22.0	358		4.6
WERD	e P	Z	06:46:01.1	82.8	92.0	1.1	12	5.0	
ROTZ	e P	Z	06:46:01.9	82.9	91.9	1.1	18	5.2	
MANZ	e P	Z	06:46:02.4	82.9	91.8	1.2	24	5.3	
MOX	e P	Z	06:46:03.4	83.3	91.5	1.0	9	5.0	
FUR	e P	Z	06:46:04.0	83.4	91.0	0.5	28	5.7	
GRA1	e P	Z	06:46:05.2	83.5	91.1	0.9	14	5.2	
GRFO	e P	Z	06:46:05.1	83.5	91.1	1.5	30	5.3	
CLZ	e P	Z	06:46:07.6	84.1	90.7	0.7	24	5.6	
BSEG	e P	Z	06:46:08.1	84.1	90.9	0.8	27	5.6	
STU	e P	Z	06:46:11.2	84.8	89.5	0.7	17	5.4	
TNS	e P	Z	06:46:13.9	85.3	89.0	1.0	18	5.3	
BFO	e P	Z	06:46:13.8	85.4	88.8	0.9	12	5.1	
IBBN	e P	Z	06:46:15.8	85.7	88.7	0.6	24	5.5	
BUG	e P	Z	06:46:17.4	86.0	88.2	0.6	17	5.4	
WLF	e P	Z	06:46:21.7	86.8	87.3	1.0	10	4.9	

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/08 06:35:54.7 45.320N 147.570E 33.0N 5.6 SZGRF
 Kuril Islands, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	06:47:31.3	74.3	29.7	0.9	59	5.6		
RUE	e P	Z	06:47:32.3	74.5	31.8	0.9	69	5.7		
CLL	e P	Z	06:47:38.9	75.7	31.1	0.9	107	6.0		
BRG	e P	Z	06:47:39.5	75.8	31.7	1.2	43	5.5		
CLZ	e P	Z	06:47:41.8	76.1	29.5	1.1	99	5.9		
IBBN	e P	Z	06:47:43.3	76.5	27.8	0.8	74	5.8		
WERD	e P	Z	06:47:44.8	76.7	30.6	1.0	31	5.4		
MOX	e P	Z	06:47:45.0	76.7	30.1	1.1	50	5.6		
MANZ	e P	Z	06:47:47.5	77.2	30.4	1.0	34	5.4		
ROTZ	e P	Z	06:47:48.7	77.3	30.4	1.0	44	5.5		
BUG	e P	Z	06:47:48.3	77.4	27.4	1.0	64	5.7		
GEC2	e P	Z	06:47:49.7	77.6	31.3	1.0	30	5.4		
WET	e P	Z	06:47:50.4	77.6	30.8	1.0	65	5.7		
GRA1	e P	Z	06:47:50.8	77.7	29.8	0.9	132	6.0		
TNS	e P	Z	06:47:52.5	78.1	28.1	1.1	51	5.6		

FUR	e P	Z	06:47:57.8	79.0	29.7	1.3	135	5.8
STU	e P	Z	06:47:58.1	79.1	28.4	0.9	56	5.6
WLF	e P	Z	06:47:59.8	79.3	26.5	1.1	30	5.1
BFO	e P	Z	06:48:01.6	79.8	27.8	0.9	31	5.2

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/08	12:30:43.7	27.060N	58.660E	33.0N	4.4			SZGRF

Southern Iran

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 12:38:22.7	40.8	105.5	0.9	5	4.3		
BRG	e P	Z 12:38:26.5	41.2	108.0	0.8	4	4.2		
WET	e P	Z 12:38:27.2	41.4	105.1	0.9	4	4.2		
CLL	e P	Z 12:38:32.8	41.9	107.6	0.6	7	4.6		
ROTZ	e P	Z 12:38:32.8	42.0	105.1	0.9	7	4.4		
MOX	e P	Z 12:38:38.2	42.6	105.5	1.0	3	3.9		
GRA1	e P	Z 12:38:37.2	42.6	104.1	1.0	16	4.7		
CLZ	e P	Z 12:38:47.1	43.6	105.5	0.9	15	4.7		
BSEG	e P	Z 12:38:50.3	44.3	107.6	1.1	15	4.6		
TNS	e P	Z 12:38:52.7	44.4	102.1	0.9	6	4.4		
WLF	e P	Z 12:39:06.8	45.8	99.5	1.2	16	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/08	12:28: 2.5	17.490S	177.550W	33.0N				SZGRF

Fiji Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
IBBN	e PKPbc	Z 12:47:34.9	144.9	8.8					
CLZ	e PKPbc	Z 12:47:35.3	145.1	13.3					
CLL	e PKPbc	Z 12:47:35.6	145.2	17.8					
BRG	e PKPbc	Z 12:47:36.6	145.4	19.5					
BUG	e PKPbc	Z 12:47:37.8	145.8	8.2					
MOX	e PKPbc	Z 12:47:38.6	146.0	15.8					
WERD	e PKPbc	Z 12:47:39.0	146.1	17.0					
MANZ	e PKPbc	Z 12:47:40.2	146.6	16.9					
ROTZ	e PKPbc	Z 12:47:41.4	146.8	17.2					
TNS	e PKPbc	Z 12:47:41.5	146.9	10.5					
GRA1	e PKPbc	Z 12:47:41.6	147.0	15.5					
WET	e PKPbc	Z 12:47:42.4	147.2	18.6					
GEC2	e PKPbc	Z 12:47:42.5	147.3	20.2					
WLF	e PKPbc	Z 12:47:44.0	147.7	6.6					
STU	e PKPbc	Z 12:47:45.3	148.2	12.3					
FUR	e PKPbc	Z 12:47:46.1	148.5	16.3					
BFO	e PKPbc	Z 12:47:46.4	148.8	10.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/08	15:56:18.4	22.590S	172.040E	153.3				SZGRF
Southeast of Loyalty Islands								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 16:15:38.6	145.8	31.0					
RUE	e PKPbc	Z 16:15:38.8	145.8	37.5					
BRG	e PKPbc	Z 16:15:42.3	147.0	39.2					
CLL	e PKPbc	Z 16:15:42.0	147.0	37.4					
CLZ	e PKPbc	Z 16:15:44.0	147.5	32.7					
	e PKPab	Z 16:15:46.3							
IBBN	e PKPbc	Z 16:15:44.8	147.9	28.1					
	e PKPab	Z 16:15:48.1							
WERD	e PKPbc	Z 16:15:45.1	148.0	37.1					
MOX	e PKPbc	Z 16:15:45.0	148.1	35.8					
MANZ	e PKPbc	Z 16:15:46.2	148.4	37.2					
	e PKPab	Z 16:15:50.0							
ROTZ	e PKPbc	Z 16:15:46.5	148.5	37.6					
GEC2	e PKPbc	Z 16:15:46.7	148.6	40.9					
	e PKPab	Z 16:15:50.7							
WET	e PKPbc	Z 16:15:46.9	148.8	39.3					
GRA1	e PKPbc	Z 16:15:47.9	149.0	36.1					
	e PKPab	Z 16:15:52.5							
	e pPKPbc	Z 16:16:28.5							
TNS	e PKPbc	Z 16:15:49.1	149.5	30.9					
FUR	e PKPbc	Z 16:15:50.7	150.2	37.7					
	e PKPab	Z 16:15:57.4							
	e pPKPbc	Z 16:16:30.7							
STU	e PKPbc	Z 16:15:51.3	150.5	33.6					
WLF	e PKPbc	Z 16:15:52.7	150.7	27.4					
	e PKPab	Z 16:15:59.9							
	e pPKPbc	Z 16:16:32.7							
BFO	e PKPbc	Z 16:15:52.5	151.2	32.5					
	e PKPab	Z 16:16:00.9							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/08	17:38:23.3	20.590S	169.110E	33.0N				SZGRF
Vanuatu Islands								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WERD	e PKPbc	Z 17:57:56.0	145.0	40.0					
MOX	e PKPbc	Z 17:57:56.3	145.1	38.8					
MANZ	e PKPbc	Z 17:57:57.8	145.4	40.1					
ROTZ	e PKPbc	Z 17:57:58.3	145.6	40.5					
GEC2	e PKPbc	Z 17:57:58.2	145.6	43.6					

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WET	e	PKPbc	Z	17:57:58.5	145.7	42.1
GRA1	e	PKPbc	Z	17:57:59.6	146.0	39.1
WLF	e	PKPbc	Z	17:58:05.4	147.9	31.1
BFO	e	PKPbc	Z	17:58:05.5	148.3	35.9

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/09								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 03:50:52.8							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/09	04:07:30.1	23.857N	122.183E	33.0N	4.9			SZGRF
Taiwan region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 04:19:59.8	84.4	59.1	1.2	9	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/09	08:24:1.0	46.500N	151.500E	54.6	5.3			SZGRF
Kuril Islands, Russia								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 08:35:36.9	74.3	26.6	1.3	40	5.3		
CLL	i P	Z 08:35:45.2	75.9	28.1	0.9	35	5.5		
	e PcP	Z 08:35:54.5							
	e pP	Z 08:36:00.8							
	e S	N 08:45:34.0							
	e LR	Z 09:01:12.7							
	e L	Z 09:14:33.6			18.0	415		4.8	
BRG	e P	Z 08:35:46.0	76.0	28.6	0.9	12	5.0		
CLZ	e P	Z 08:35:47.7	76.2	26.4	1.1	41	5.5		
IBBN	e P	Z 08:35:48.8	76.4	24.8	0.8	44	5.6		
TANN	e P	Z 08:35:50.7	76.8	27.6	1.0	11	5.0		
MOX	e P	Z 08:35:51.1	76.9	27.1	1.1	20	5.2		
UBBA	e P	Z 08:35:53.2	77.2	26.1	1.4	17	5.0		
BUG	e P	Z 08:35:53.8	77.3	24.4	1.2	42	5.4		
ROTZ	e P	Z 08:35:55.0	77.5	27.4	1.0	21	5.2		
WET	e P	Z 08:35:56.9	77.8	27.7	1.0	23	5.3		
GRA1	e P	Z 08:35:57.0	77.8	26.7	0.9	40	5.6		
	e pP	Z 08:36:12.5							
GEC2	e P	Z 08:35:56.4	77.8	28.2	1.1	16	5.1		
TNS	e P	Z 08:35:58.4	78.1	25.0	1.1	25	5.3		

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FUR	e P	Z	08:36:04.6	79.2	26.6	0.8	24	5.2
STU	e P	Z	08:36:03.9	79.2	25.4	1.1	21	5.0
BFO	e P	Z	08:36:07.6	79.9	24.8	0.9	21	5.1

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/09	09:59:53.0	59.800S	30.200W	10.0N		5.3		GSRC

South Sandwich Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e L	Z 11:00:51.9	114.5	201.5	21.9	932		5.3	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/09	12:43:19.7	31.752N	92.940E	10.4	4.5			SZGRF

Xizang

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 12:53:32.2	61.3	73.6	1.0	8	4.5		
	e pP	Z 12:53:35.1			1.0	8			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/09								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z 13:16:44.3							
	e Sn	N 13:17:02.8							
WET	e Pn	Z 13:16:47.0							
	e Sn	E 13:17:08.1							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/09	15:02:13.6			N	5.2			SZGRF

Southern India

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 15:12:51.2			2.2	32	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/09	15:03:30.3	12.869N	92.779E	33.0N	4.6			SZGRF

Andaman Islands, India, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 15:15:07.6	74.8	87.9	1.4	9	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/09	15:12:12.9	11.446N	94.625E	33.0N	5.0			SZGRF

Andaman Islands, India, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 15:24:03.1	77.0	87.5	1.4	16	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/09	15:19:18.0	12.366N	96.787E	33.0N	4.6			SZGRF

Andaman Islands, India, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 15:31:12.2	77.8	85.2	1.0	6	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/09	17:46:55.4	0.893N	28.551W	33.0N	4.6			SZGRF

Central Mid-Atlantic Ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 17:56:54.9	59.4	228.0	1.2	7	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/09	17:55:43.5	1.430S	25.480W	6.6	5.3	5.5		SZGRF

Central Mid-Atlantic Ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e P	Z 18:05:34.1	57.8	221.1	1.3	42	5.3		
	e S	R 18:13:28.9							
WLF	e P	Z 18:05:35.6	57.9	218.3	1.6	80	5.5		
	e S	R 18:13:32.6							
STU	e P	Z 18:05:40.5	58.5	221.9					
	e S	Z 18:13:40.7							
FUR	e P	Z 18:05:42.3	59.0	224.3	0.9	55	5.6		
TNS	e P	Z 18:05:43.8	59.2	220.5	0.8	38	5.5		
	e S	R 18:13:54.0							
BUG	e P	Z 18:05:47.4	59.7	218.8	1.0	29	5.3		
	e S	R 18:14:00.2							
GRA1	e P	Z 18:05:50.0	60.0	223.6	0.9	35	5.2		

	e pP	Z	18:05:51.8							
	e PP	Z	18:08:03.4							
	e PPP	Z	18:09:26.9							
	e S	R	18:14:01.7							
	e L	Z	18:31:04.6			19.8	3287		5.5	
UBBA	e S	R	18:14:08.1	60.3	221.9					
WET	e P	Z	18:05:52.2	60.4	225.5	0.9	22		5.0	
	e S	R	18:14:08.3							
ROTZ	e P	Z	18:05:52.9	60.5	224.6	0.9	23		5.0	
	e S	R	18:14:10.1							
IBBN	e P	Z	18:05:54.0	60.6	219.0	0.8	47		5.4	
GEC2	e P	Z	18:05:53.7	60.6	226.5	0.9	26		5.1	
	e S	R	18:14:09.5							
MOX	e P	Z	18:05:55.5	60.9	223.6	0.9	21		5.0	
	e S	R	18:14:15.3							
TANN	e P	Z	18:05:57.2	61.1	224.6	0.9	28		5.5	
	e S	R	18:14:18.9							
CLZ	e P	Z	18:05:58.7	61.2	221.9	1.7	35		5.3	
	e S	R	18:14:19.9							
CLL	e P	Z	18:06:04.3	62.0	224.8	0.6	16		5.2	
	e PP	Z	18:08:15.4							
	e PPP	Z	18:09:45.1							
	e S	E	18:14:19.1							
	e SS	E	18:18:16.0							
	e SSS	E	18:21:10.8							
	e LR	Z	18:24:11.9							
	e PKKPdf	Z	18:27:07.9							
	e L	Z	18:29:34.5			18.0	2755		5.4	
BRG	e P	Z	18:06:04.3	62.1	225.9	0.9	19		5.2	
	e S	R	18:14:32.2							
BSEG	e P	Z	18:06:08.5	62.8	221.1	0.9	70		5.8	
	e S	R	18:14:37.6							
RUE	e P	Z	18:06:11.5	63.1	225.2					

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/09 18:22:1.6 11.852N 94.409E 33.0N 4.8
 Andaman Islands, India, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 18:33:49.3	76.6	87.4	1.7	15	4.8		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/09 21:37:52.1 10.960N 93.864E 33.0N 4.8
 Andaman Islands, India, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 21:49:41.6	76.9	88.4	1.3	10	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/09	22:31:7.0	12.074N	91.161E	33.0N	4.5			SZGRF

Andaman Islands, India, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 22:42:41.7	74.3	89.7	1.2	5	4.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/09	22:32:16.9	12.747N	96.325E	33.0N	4.7			SZGRF

Andaman Islands, India, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 22:44:07.7	77.2	85.3	1.8	12	4.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/10	04:05:50.1	11.920N	94.130E	33.0N	5.0	4.8		SZGRF

Andaman Islands, India, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 04:17:26.4	74.6	89.9	1.5	19	4.9		
RUE	e P	Z 04:17:26.7	74.7	90.3	0.6	16	5.2		
GEC2	e P	Z 04:17:27.1	74.8	89.2	1.6	21	4.9		
CLL	e P	Z 04:17:29.3	75.2	89.3	1.1	14	4.9		
WET	e P	Z 04:17:30.0	75.3	88.7	1.6	24	5.0		
WERD	e P	Z 04:17:33.1	75.6	88.6	1.0	6	4.7		
ROTZ	e P	Z 04:17:33.1	75.7	88.3	1.7	27	5.1		
MANZ	e P	Z 04:17:33.7	75.8	88.3	1.2	11	4.9		
MOX	e P	Z 04:17:35.9	76.1	88.1	2.0	45	5.3		
GRA1	e P	Z 04:17:36.5	76.4	87.6	0.7	7	4.9		
	e L	Z 04:54:28.5			21.8	478		4.8	
BSEG	e P	Z 04:17:39.0	76.8	87.9	1.1	17	5.1		
TNS	e P	Z 04:17:46.0	78.1	85.6	1.7	26	5.1		
IBBN	e P	Z 04:17:47.7	78.4	85.5	1.4	64	5.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/10	04:43:24.2	9.655N	96.287E	33.0N	5.0			SZGRF

Nicobar Islands, India, region

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Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 04:55:27.8	79.5	87.4	1.7	34	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/10								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 05:18:09.5			1.6	9			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/10	07:50:34.1	34.120N	71.790E	33.0N	5.0			SZGRF
Pakistan								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 07:58:43.0	44.5	89.0	0.8	14	5.0		
RUE	e P	Z 07:58:43.0	44.6	90.5	0.7	20	5.1		
CLL	e P	Z 07:58:48.1	45.1	88.7	0.5	6	4.8		
WERD	e P	Z 07:58:51.5	45.6	87.3	0.9	7	4.7		
MANZ	e P	Z 07:58:53.5	45.7	86.7	1.2	12	4.8		
MOX	e P	Z 07:58:53.9	46.0	87.0	1.0	9	4.7		
GRA1	e P	Z 07:58:56.8	46.3	85.8	1.2	11	4.8		
BSEG	e P	Z 07:58:59.7	46.7	89.2	1.2	37	5.4		
CLZ	e P	Z 07:59:01.1	46.7	87.2	0.9	18	5.2		
UBBA	e P	Z 07:59:03.0	47.0	86.0	0.7	6	4.8		
STU	e P	Z 07:59:07.3	47.7	83.5	0.4	18	5.5		
IBBN	e P	Z 07:59:12.6	48.3	85.7	0.7	21	5.4		
WLF	e P	Z 07:59:23.0	49.6	82.2	1.1	21	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/10	10:12:20.3	60.410S	46.569W	20	5.6	5.2		SZGRF
Scotia Sea								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 10:31:10.3	119.2	208.8					
CLL	e PKPdf	Z 10:31:11.0	121.2	210.0					
	e sPKPdf	Z 10:31:21.8							
	e PS	Z 10:42:49.3							
	e PPS	Z 10:44:06.0							
	e SS	E 10:49:46.4							
	e SSS	N 10:53:49.6							
	e LR	Z 11:10:38.9							
	e L	Z 11:22:44.5			20.0	844		5.4	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/10	19:38:40.3	14.111N	94.802W	38.9	5.2			SZGRF

Off coast of Chiapas, Mexico

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 19:51:32.6	89.3	291.2	1.3	20	5.2		
	e pP	Z 19:51:43.9							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/11	03:04:24.1	23.810S	178.940E	33.0N				SZGRF

South of Fiji Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 03:24:08.1	148.7	20.3					
CLL	i PKPbc	Z 03:24:12.4	150.4	26.8	0.9	29			
	e PKPab	Z 03:24:20.5			0.9	13			
BRG	e PKPbc	Z 03:24:12.9	150.6	28.8					
CLZ	e PKPbc	Z 03:24:13.4	150.6	21.7					
WERD	e PKPbc	Z 03:24:15.0	151.4	26.2					
MOX	e PKPbc	Z 03:24:14.6	151.4	24.8					
MANZ	e PKPbc	Z 03:24:16.4	151.9	26.2					
ROTZ	e PKPbc	Z 03:24:16.6	152.0	26.6					
GRA1	e PKPbc	Z 03:24:17.8	152.4	24.8					
GEC2	e PKPbc	Z 03:24:17.3	152.4	30.2					
TNS	e PKPbc	Z 03:24:17.5	152.6	19.1					
WLF	e PKPbc	Z 03:24:19.8	153.5	14.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/11	04:47:33.7	9.916N	93.056E	33.0N	4.7	4.7		SZGRF

Nicobar Islands, India, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 04:59:24.6	77.2	89.7	1.3	8	4.7		
	e L	Z 05:43:25.6			18.8	335		4.7	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/11	11:49: 1.8	10.015N	93.013E	33.0N	5.0	4.4		SZGRF

Andaman Islands, India, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 12:00:52.2	77.1	89.7	1.9	23	5.0		
	e L	Z 12:38:00.6			21.7	181		4.4	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/11	21:33:54.9	28.880N	54.880E	33.0N	4.8			SZGRF

Southern Iran

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 21:41:03.6	37.1	107.2	1.5	37	4.9		
BRG	e P	Z 21:41:07.2	37.6	110.0	0.9	8	4.5		
WET	e P	Z 21:41:08.2	37.7	106.7	1.6	33	4.8		
RUE	e P	Z 21:41:12.9	38.3	111.7	0.9	35	5.1		
CLL	i P	+ Z 21:41:13.7	38.3	109.5	1.2	41	5.0		
	e pP	Z 21:41:20.4							
	e sP	Z 21:41:23.7							
	e PcP	Z 21:43:18.2							
	e L	Z 22:00:01.9			19.7	150		3.8	
ROTZ	e P	Z 21:41:13.8	38.3	106.8	1.2	21	4.7		
MANZ	e P	Z 21:41:14.9	38.4	107.0	1.2	9	4.3		
WERD	e P	Z 21:41:14.4	38.5	107.8	1.3	8	4.2		
GRA1	e P	Z 21:41:18.9	38.9	105.8	1.0	39	5.0		
STU	e P	Z 21:41:26.7	40.0	102.7	1.2	18	4.6		
CLZ	e P	Z 21:41:28.3	40.0	107.4	1.2	51	5.0		
BSEG	e P	Z 21:41:33.2	40.7	109.7	1.0	22	4.8		
TNS	e P	Z 21:41:34.4	40.8	103.7	1.2	40	5.0		
IBBN	e P	Z 21:41:41.8	41.7	105.4	1.2	40	5.0		
BUG	e P	Z 21:41:42.6	41.8	103.9	1.2	48	5.1		
WLF	e P	Z 21:41:44.7	42.1	101.0	1.1	22	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/11	22:06:39.4	38.879N	142.668E	33.0N	5.2	4.4		SZGRF

Near east coast of eastern Honshu, Japan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 22:18:54.6	81.6	36.1	1.1	21	5.2		
	e L	Z 22:56:57.6			21.2	196		4.4	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/12	17:11:19.5	32.500S	57.500E	33.0N	5.4			SZGRF

Southwest Indian Ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 17:24:18.9	90.2	144.3	1.5	35	5.4		
FUR	e P	Z 17:24:22.0	90.6	142.5	1.2	100	5.9		
WET	e P	Z 17:24:21.3	90.8	143.7	1.3	24	5.2		

ROTZ	e P	Z	17:24:25.4	91.5	143.2	1.6	26	5.3		
MANZ	e P	Z	17:24:26.7	91.8	143.1	1.1	13	5.2		
BRG	e P	Z	17:24:26.9	91.8	144.4	1.5	38	5.5		
GRA1	e P	Z	17:24:27.3	91.9	142.4	1.3	48	5.7		
STU	e P	Z	17:24:27.5	92.0	140.9	1.4	30	5.4		
BFO	e P	Z	17:24:27.8	92.0	140.3	1.5	29	5.4		
WERD	e P	Z	17:24:28.0	92.1	143.2	1.4	35	5.5		
MOX	e P	Z	17:24:30.1	92.5	142.7	1.5	28	5.4		
CLL	e P	Z	17:24:30.0	92.5	143.7	1.6	36	5.4		
	e PP	Z	17:28:11.5							
	e S	E	17:35:34.6							
	e SS	N	17:41:49.2							
	e LR	Z	17:56:27.3							
	e L	Z	18:10:10.2			18.0	223		4.7	
RUE	e P	Z	17:24:32.9	93.1	144.3	0.5	10	5.5		
TNS	e P	Z	17:24:34.1	93.4	140.3	1.1	14	5.3		
CLZ	e P	Z	17:24:36.2	93.9	141.7	1.5	34	5.4		
BUG	e P	Z	17:24:40.3	94.8	139.4	1.1	16	5.4		
BSEG	e P	Z	17:24:44.1	95.6	141.6	1.5	28	5.5		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/12 19:44:47.8 1.779N 98.640E 32.3 4.8
 Northern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 19:57:30.0	87.0	90.8	1.1	9	4.8		
	e pP	Z 19:57:39.4							

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/12 19:58:55.5 14.930S 174.010W 667.9N
 Samoa Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e PKPbc	Z 20:17:13.0	142.9	7.0					
CLL	e PKPbc	Z 20:17:13.1	143.2	11.4					
BUG	e PKPbc	Z 20:17:14.4	143.5	2.1					
BRG	e PKPbc	Z 20:17:14.5	143.5	13.0					
MOX	e PKPbc	Z 20:17:16.0	144.0	9.3					
WERD	e PKPbc	Z 20:17:16.5	144.1	10.4					
MANZ	e PKPbc	Z 20:17:18.2	144.6	10.2					
TNS	e PKPbc	Z 20:17:18.2	144.7	4.1					
ROTZ	e PKPbc	Z 20:17:18.9	144.8	10.5					
GRA1	e PKPbc	Z 20:17:20.9	145.0	8.8					
BFO	e PKPbc	Z 20:17:23.6	146.5	4.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/12	20:54:52.0	5.100S	153.600E	35.0N		5.1		NEIC
New Ireland, Papua New Guinea, region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e PKPdf	Z	21:13:57.6	121.1	48.0					
RUE	e PKPdf	Z	21:13:44.7	122.3	49.5					
BSEG	e PKPdf	Z	21:13:45.9	122.8	45.1					
BRG	e PKPdf	Z	21:13:46.6	123.2	50.4					
CLL	e PKPdf	Z	21:13:45.8	123.4	49.2	1.2	22			
	e pPKPdf	Z	21:13:56.1							
	e sPKPdf	Z	21:14:00.5							
	e PP	Z	21:15:33.2							
	e SKSac	N	21:20:48.0							
	e SKSdf	N	21:21:01.3							
	e SKSP	Z	21:25:17.4							
	e PPS	Z	21:27:01.1							
	e SKKSdf	Z	21:31:12.0							
	e SS	N	21:32:15.4							
	e LR	Z	21:54:32.2							
	e L	Z	22:12:23.1			22.0	765		5.3	
HLG	e PKPdf	Z	21:13:47.6	123.6	42.4					
CLZ	e PKPdf	Z	21:13:48.9	124.3	46.2					
WERD	e PKPdf	Z	21:13:48.6	124.3	48.9					
MOX	e PKPdf	Z	21:13:49.0	124.5	48.1					
GEC2	e PKPdf	Z	21:13:49.2	124.6	51.2					
MANZ	e PKPdf	Z	21:13:49.7	124.7	49.0					
ROTZ	e PKPdf	Z	21:13:49.3	124.8	49.2					
WET	e PKPdf	Z	21:13:49.8	124.9	50.2					
IBBN	e PKPdf	Z	21:13:50.2	125.1	43.1					
GRA1	e PKPdf	Z	21:13:50.7	125.3	48.2					
	e PP	Z	21:15:56.7							
	e L	Z	22:13:59.8			21.9	483		5.1	
GRFO	e PKPdf	Z	21:13:50.7	125.3	48.2					
BUG	e PKPdf	Z	21:13:51.7	125.9	43.0					
TNS	e PKPdf	Z	21:13:51.8	126.3	44.9					
FUR	e PKPdf	Z	21:13:52.5	126.3	49.1					
STU	e PKPdf	Z	21:13:53.7	126.9	46.5					
BFO	e PKPdf	Z	21:13:54.7	127.6	45.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/12	21:50:20.0	19.917S	170.605E	33.0N				SZGRF
Vanuatu Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
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IBBN	e	PKPbc	Z	22:09:52.6	145.0	28.9
WERD	e	PKPbc	Z	22:09:52.6	145.0	37.3
MOX	e	PKPbc	Z	22:09:52.7	145.1	36.1
MANZ	e	PKPbc	Z	22:09:54.0	145.4	37.4
ROTZ	e	PKPbc	Z	22:09:54.5	145.6	37.7
GEC2	e	PKPbc	Z	22:09:54.2	145.7	40.8
GRA1	e	PKPbc	Z	22:09:55.9	146.0	36.3
	e	pPKPbc	Z	22:10:06.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/12	22:58:58.6	11.522N	97.475E	33.0N	5.1			SZGRF
Andaman Islands, India, region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 23:10:56.2	78.8	85.3	1.2	23	5.1		
	e pP	Z 23:11:08.2							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/13	03:00:51.8	38.047N	141.152E	33.0N	4.6			SZGRF
Near east coast of eastern Honshu, Japan								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 03:13:07.7	81.8	37.6	1.0	5	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/13	04:06:22.1	37.600N	140.650E	40.7	5.0			SZGRF
Eastern Honshu, Japan								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 04:18:23.5	79.0	38.0	1.3	21	5.0		
BRG	e P	Z 04:18:28.9	80.0	40.2	1.4	10	4.5		
CLL	e P	Z 04:18:29.4	80.0	39.6	1.0	20	5.0		
CLZ	e P	Z 04:18:32.7	80.6	37.8	1.1	12	4.8		
WERD	e P	Z 04:18:34.0	80.9	39.0	2.0	27	4.9		
MOX	e P	Z 04:18:34.5	81.1	38.5	3.3	141	5.4		
IBBN	e P	Z 04:18:35.7	81.2	36.0	0.6	16	5.3		
MANZ	e P	Z 04:18:36.6	81.4	38.8	1.2	8	4.7		
ROTZ	e P	Z 04:18:36.9	81.5	38.9	1.7	31	5.2		
GEC2	e P	Z 04:18:37.9	81.6	39.8	2.8	100	5.4		
WET	e P	Z 04:18:38.4	81.7	39.3	1.4	11	4.8		
GRA1	e P	Z 04:18:39.9	82.0	38.2	1.2	34	5.3		
	e pP	Z 04:18:51.7							
TNS	e P	Z 04:18:43.2	82.6	36.3	1.5	15	5.0		

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BFO e P Z 04:18:51.0 84.2 36.1 1.3 20 5.2

Date Origin Time Lat Long Depth mb Ms ML Source
2006/03/13 04:15:33.5 36.130N 141.990E 38.5 5.2
Near east coast of eastern Honshu, Japan

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e P	Z	04:27:44.4	80.6	40.0	0.4	14	5.3		
BSEG	e P	Z	04:27:45.1	80.8	37.7	1.2	24	5.1		
BRG	e P	Z	04:27:50.1	81.8	40.0	1.0	11	5.0		
CLL	i P	+ Z	04:27:50.2	81.8	39.4	0.9	19	5.3		
	e pP	Z	04:28:01.2							
	e sP	Z	04:28:06.1							
	e PP	Z	04:30:57.8							
	e L	Z	04:58:04.8			18.0	695		5.1	
CLZ	e P	Z	04:27:53.8	82.4	37.5	1.1	22	5.3		
WERD	e P	Z	04:27:55.1	82.7	38.8	1.0	7	4.8		
MOX	e P	Z	04:27:55.7	82.9	38.3	1.0	7	4.9		
IBBN	e P	Z	04:27:56.5	83.0	35.7	0.6	21	5.5		
MANZ	e P	Z	04:27:57.8	83.2	38.6	1.0	9	4.9		
ROTZ	e P	Z	04:27:58.3	83.3	38.7	1.3	22	5.2		
GEC2	e P	Z	04:27:58.5	83.4	39.7	1.1	11	5.0		
WET	e P	Z	04:27:59.4	83.5	39.1	1.1	12	5.0		
GRA1	e P	Z	04:28:01.0	83.8	38.0	1.1	39	5.5		
	e pP	Z	04:28:12.2							
TNS	e P	Z	04:28:03.7	84.4	36.0	1.0	10	5.0		
FUR	e P	Z	04:28:06.8	85.0	37.9	0.9	30	5.5		
STU	e P	Z	04:28:08.4	85.3	36.5	1.0	28	5.4		
BFO	e P	Z	04:28:11.7	86.0	35.9	1.0	21	5.2		

Date Origin Time Lat Long Depth mb Ms ML Source
2006/03/13 05:36:15.4 51.550N 31.000W 33.0N 4.8 4.2
Northern Mid-Atlantic Ridge

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BUG	e P	Z	05:41:23.9	23.6	285.4	1.3	57	4.9		
IBBN	e P	Z	05:41:25.3	23.6	283.7	1.1	57	5.0		
TNS	e P	Z	05:41:33.2	24.6	288.5	1.2	35	5.0		
BSEG	e P	Z	05:41:34.7	24.8	281.5	1.6	84	5.2		
CLZ	e P	Z	05:41:40.4	25.3	285.9	1.2	23	4.8		
STU	e P	Z	05:41:44.7	25.6	291.6	2.3	104	5.1		
MOX	e P	Z	05:41:49.8	26.4	288.7	0.9	5	4.3		
GRA1	e P	Z	05:41:50.2	26.5	290.4	1.4	33	4.9		
	e L	Z	05:51:34.1			19.9	728		4.2	
WERD	e P	Z	05:41:54.9	26.9	289.4	2.2	56	4.9		

CLL	e P	Z	05:41:56.0	27.0	288.0	0.7	9	4.6
ROTZ	e P	Z	05:41:56.6	27.0	290.6	1.9	48	4.9
FUR	e P	Z	05:41:58.0	27.1	293.2	0.8	26	5.0
WET	e P	Z	05:42:01.6	27.7	291.9	1.8	19	4.6
BRG	e P	Z	05:42:01.9	27.7	289.2	1.0	14	4.7
GEC2	e P	Z	05:42:07.6	28.3	292.7	1.3	8	4.4

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/13	06:55:54.3	35.916N	140.833E	28.2	5.0	4.5		SZGRF

Near east coast of eastern Honshu, Japan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 07:08:19.8	83.5	38.9	1.1	10	5.0		
	e pP	Z 07:08:28.0							
	e L	Z 07:48:54.3			18.9	176		4.5	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/13	08:28:37.5	48.490N	17.740E	10.0G			3.6	SZGRF

Czech and Slovak Republics

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z 08:29:21.8	2.7	96.1					3.3
	e Sg	N 08:30:04.5							
WET	e Pn	Z 08:29:29.6	3.3	99.7					3.5
	e Sg	N 08:30:19.2							
BRG	e Sg	N 08:30:26.0	3.4	132.7					3.4
ROTZ	e Pn	Z 08:29:36.3	3.8	107.3					3.6
	e Sn	N 08:30:18.2							
TANN	e Pn	Z 08:29:38.4	3.9	117.3					
MANZ	e Sn	N 08:30:22.8	4.0	110.0					3.7
WERD	e Sg	N 08:30:48.0	4.0	116.9					
GRA1	e Sg	E 08:31:00.7	4.4	103.2					3.9

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/13	10:05:28.4	36.407N	70.079E	151.2	4.0			SZGRF

Hindu Kush, Afghanistan, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 10:13:18.9	43.8	84.5	0.7	2	4.0		
	e pP	Z 10:13:52.5							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/13	15:43:22.4	25.555S	179.788W	450.0G				GSRC

South of Fiji Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKPab	Z 16:02:48.8	154.4	23.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/13								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z 18:32:38.8							
	e Sn	E 18:33:02.4							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/13	22:33:38.7	14.117N	120.304E	33.0N	5.0			SZGRF

Luzon, Philippine Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 22:46:40.3	91.1	66.4	0.9	7	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/14	23:31:50.1	19.475N	108.955W	64.0G		5.1		NEIC

Revilla Gigedo Islands, Mexico, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PP	Z 23:48:36.4	93.0	305.3					
	e L	Z 00:24:57.3			21.5	777		5.1	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/14	04:37:28.0	4.041S	151.557E	296.0N				NEIC

New Britain, Papua New Guinea, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPdf	Z 04:55:45.7	121.0	46.8					
CLL	e PKPdf	Z 04:55:46.3	121.5	50.7					
WERD	e PKPdf	Z 04:55:48.6	122.4	50.4					
CLZ	e PKPdf	Z 04:55:48.8	122.4	47.8					
GEC2	e PKPdf	Z 04:55:48.8	122.7	52.7					
MANZ	e PKPdf	Z 04:55:49.2	122.8	50.5					
ROTZ	e PKPdf	Z 04:55:48.8	122.9	50.7					

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WET	e	PKPdf	Z	04:55:49.5	122.9	51.7
IBBN	e	PKPdf	Z	04:55:50.6	123.2	44.8
GRA1	e	PKP	Z	04:55:50.3	123.4	49.7
	e	PP	Z	04:57:34.8		
BUG	e	PKPdf	Z	04:55:52.2	124.1	44.7
FUR	e	PKPdf	Z	04:55:52.6	124.4	50.5
TNS	e	PKPdf	Z	04:55:53.4	124.4	46.5
STU	e	PKPdf	Z	04:55:53.5	125.0	48.0
BFO	e	PKPdf	Z	04:55:55.6	125.7	47.4

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/14								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e	PKP	Z	05:48:46.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/14	06:58:11.6	1.250N	127.920E	35.0N		6.7		SZGRF
Halmahera, Indonesia								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e	PP	Z	07:16:22.9	103.4	69.7			
	e	PPP	Z	07:18:37.4					
	e	SP	Z	07:25:29.1					
BRG	e	Pdiff	Z	07:11:49.0	103.9	70.2			
	e	PP	Z	07:16:28.0					
	e	PPP	Z	07:18:42.4					
	e	SP	Z	07:25:34.5					
CLL	e	Pdiff	Z	07:11:53.3	104.3	69.3	2.1	106	
	e	PKiKP	Z	07:15:57.2					
	e	PP	Z	07:16:26.1					
	e	PPP	Z	07:18:37.6					
	e	SKSac	E	07:22:30.0					
	e	SKKSac	E	07:23:21.0					
	e	Sdiff	N	07:23:54.6					
	e	SP	Z	07:25:40.2					
	e	PPS	Z	07:26:39.7					
	e	PKKPbc	Z	07:27:10.5					
	e	PKKPab	Z	07:27:25.4					
	e	SS	E	07:31:38.7					
	e	SSS	E	07:35:41.6					
	e	LR	Z	07:50:21.2					
	e	L	Z	08:10:24.1			22.0	25767	6.7
GEC2	e	PP	Z	07:16:33.1	104.7	70.5			
	e	PPP	Z	07:18:48.0					

	e SP	Z	07:25:44.7				
	e SS	R	07:32:11.8				
BSEG	e PP	Z	07:16:34.4	104.8	66.4		
	e PPP	Z	07:18:49.8				
	e SP	Z	07:25:46.9				
	e SS	R	07:32:02.4				
WERD	e Pdiff	Z	07:11:56.1	105.0	68.9		
WET	e PP	Z	07:16:36.6	105.1	69.7		
	e PPP	Z	07:18:51.4				
	e SP	Z	07:25:49.5				
	e SS	R	07:32:18.3				
MANZ	e Pdiff	Z	07:11:57.7	105.3	68.9		
	e PP	Z	07:16:39.2				
	e PPP	Z	07:18:54.1				
	e SP	Z	07:25:51.1				
ROTZ	e PP	Z	07:16:39.2	105.3	69.0		
	e PPP	Z	07:18:54.0				
	e SP	Z	07:25:51.8				
	e SS	R	07:32:21.2				
MOX	e Pdiff	Z	07:11:58.6	105.3	68.3		
	e PP	Z	07:16:39.3				
	e PPP	Z	07:18:54.1				
	e SP	Z	07:25:50.9				
CLZ	e PP	Z	07:16:42.0	105.6	67.0		
	e PPP	Z	07:18:57.3				
	e SP	Z	07:25:54.8				
	e SS	R	07:32:12.0				
GRA1	e PP	Z	07:16:44.1	105.9	68.2		
	e PPP	Z	07:18:59.3				
	e SKSac	R	07:22:44.9				
	e SP	Z	07:25:57.6				
	e SS	R	07:32:20.1				
	e L	Z	08:10:36.6			20.6	20546
UBBA	e PP	Z	07:16:46.9	106.2	66.9		6.7
	e PPP	Z	07:19:02.0				
	e SP	Z	07:26:00.3				
FUR	e PP	Z	07:16:46.1	106.4	68.7		
	e PPP	Z	07:19:02.1				
	e SP	Z	07:26:03.3				
	e SS	R	07:32:34.5				
IBBN	e PP	Z	07:16:51.2	106.9	64.6		
	e PPP	Z	07:19:08.4				
	e SP	Z	07:26:08.2				
TNS	e PP	Z	07:16:56.4	107.3	65.8		
	e PPP	Z	07:19:11.9				
	e SP	Z	07:26:13.3				
STU	e PP	Z	07:16:55.7	107.5	66.8		
	e PPP	Z	07:19:11.7				
	e SP	Z	07:26:14.3				

	e SS	R	07:32:49.5					
BFO	e PP	Z	07:17:01.6	108.2	66.2			
	e PPP	Z	07:19:17.6					
	e SP	Z	07:26:23.0					
	e SS	R	07:32:59.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/14	09:17: 6.3	38.355N	19.848E	10.0G	4.1			SZGRF

Ionian Sea

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z 09:19:47.3	11.4	154.8	0.6	21			
MANZ	e Pn	Z 09:20:07.2	12.9	151.7	0.5	6			
GRA1	e Pn	Z 09:20:07.6	12.9	148.2	0.7	16			
BRG	e Pn	Z 09:20:11.2	13.2	159.3					
WERD	e Pn	Z 09:20:12.0	13.2	153.3					
MOX	e Pn	Z 09:20:16.7	13.6	151.5	0.7	15			
CLL	e Pn	Z 09:20:21.2	13.8	157.0					
TNS	e P	Z 09:20:28.6	14.4	141.3	0.9	46			
BSEG	e P	Z 09:21:00.9	16.9	153.4	0.8	13	4.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/14	14:03:28.7	47.540N	147.420E	33.0N	5.4			SZGRF

Northwest of Kuril Islands, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 14:14:53.1	72.2	28.9	0.9	34	5.5		
RUE	e P	Z 14:14:54.5	72.5	30.8	0.4	12	5.4		
CLL	e P	Z 14:15:01.3	73.7	30.2	0.7	62	5.8		
BRG	e P	Z 14:15:02.0	73.8	30.7	1.0	19	5.1		
CLZ	e P	Z 14:15:04.0	74.0	28.6	0.8	43	5.5		
IBBN	e P	Z 14:15:05.3	74.4	27.0	0.7	46	5.6		
WERD	e P	Z 14:15:07.2	74.7	29.6	0.8	15	5.1		
MOX	e P	Z 14:15:07.4	74.7	29.2	0.9	22	5.2		
UBBA	e P	Z 14:15:09.4	75.1	28.2	0.7	12	5.0		
MANZ	e P	Z 14:15:10.1	75.1	29.4	0.9	19	5.1		
BUG	e P	Z 14:15:10.5	75.3	26.6	0.5	12	5.3		
ROTZ	e P	Z 14:15:11.2	75.3	29.5	1.0	23	5.2		
GEC2	e P	Z 14:15:12.6	75.6	30.2	0.8	17	5.3		
WET	e P	Z 14:15:13.1	75.6	29.8	0.9	36	5.5		
GRA1	e P	Z 14:15:13.3	75.7	28.8	0.7	71	5.9		
TNS	e P	Z 14:15:14.8	76.0	27.2	0.9	34	5.5		
FUR	e P	Z 14:15:20.5	77.0	28.7	0.9	60	5.7		
STU	e P	Z 14:15:20.8	77.1	27.5	0.7	27	5.5		
WLF	e P	Z 14:15:22.9	77.2	25.7	0.7	18	5.3		

BFO e P Z 14:15:24.3 77.8 26.9 1.0 27 5.3

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/15 05:27:54.4 16.968S 167.271E 28.0G 5.3 NEIC
 Vanuatu Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPpre	Z 05:47:15.0	140.1	40.4					
	e PKPdf	Z 05:47:21.2			2.2	83			
	e pPKPdf	Z 05:47:29.0							
	e sPKPdf	Z 05:47:32.2							
	e PP	Z 05:50:20.8							
	e PKSdf	Z 05:50:58.3							
	e SKKSac	E 05:57:11.8							
	e Sdiff	N 05:59:00.3							
	e PPS	N 06:02:36.8							
	e SS	E 06:08:41.9							
	e SSS	Z 06:14:02.1							
	e L	Z 06:49:14.9			22.0	730		5.4	
GRA1	e PKPdf	Z 05:47:19.4	142.0	39.1					
	e PP	Z 05:50:28.8							
	e L	Z 06:50:55.9			21.6	629		5.3	

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/15 06:21:23.3 51.177N 178.246W 33.0N 4.7 SZGRF
 Andreanof Islands, Aleutian Islands, United States

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 06:33:23.3	78.8	6.0	1.1	9	4.7		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/15 08:08:39.4 21.090S 174.600W 33.0N SZGRF
 Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 08:28:18.4	146.9	8.4					
RUE	e PKPbc	Z 08:28:21.3	148.0	14.8					
IBBN	e PKPbc	Z 08:28:23.0	148.7	4.2					
CLZ	e PKPbc	Z 08:28:24.1	149.0	9.0					
CLL	e PKPbc	Z 08:28:24.2	149.2	14.0					
BRG	e PKPdf	Z 08:28:22.2	149.5	15.8					
	e PKPbc	Z 08:28:25.5							
BUG	e PKPbc	Z 08:28:25.6	149.6	3.4					

MOX	e	PKPbc	Z	08:28:26.7	150.0	11.7
WERD	e	PKPbc	Z	08:28:26.9	150.1	13.0
MANZ	e	PKPbc	Z	08:28:28.2	150.6	12.8
TNS	e	PKPbc	Z	08:28:28.2	150.8	5.8
ROTZ	e	PKPbc	Z	08:28:28.5	150.8	13.1
GRA1	e	PKPbc	Z	08:28:29.0	151.0	11.3
WET	e	PKPbc	Z	08:28:29.9	151.3	14.7
WLF	e	PKPbc	Z	08:28:30.2	151.4	1.5
GEC2	e	PKPbc	Z	08:28:29.6	151.5	16.4
BFO	e	PKPbc	Z	08:28:32.7	152.7	6.0

Date 2006/03/15 Origin Time 11:53: 4.4 Lat 19.655S Long 33.255E Depth 33.0N mb 5.4 Ms 4.6 ML Source SZGRF
Mozambique

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
FUR	e P	Z	12:04:16.9	70.6	158.1	1.3	116	5.9		
GEC2	e P	Z	12:04:16.9	70.7	160.5	1.4	44	5.4		
WET	e P	Z	12:04:19.7	71.2	159.7	1.3	22	5.1		
BFO	e P	Z	12:04:22.6	71.5	155.3	1.6	22	5.0		
STU	e P	Z	12:04:23.2	71.7	156.1	0.4	18	5.6		
ROTZ	e P	Z	12:04:24.3	71.9	159.2	1.3	67	5.6		
GRA1	e P	Z	12:04:25.6	72.0	158.2	1.3	65	5.6		
	e PP	Z	12:07:06.3							
	e L	Z	12:41:07.9			18.9	291		4.6	
MANZ	e P	Z	12:04:26.0	72.1	159.1	1.4	54	5.5		
WERD	e P	Z	12:04:28.4	72.5	159.3	1.3	55	5.5		
BRG	e P	Z	12:04:28.1	72.5	160.9	1.0	12	5.0		
MOX	e P	Z	12:04:30.4	72.8	158.7	1.2	25	5.2		
CLL	e P	Z	12:04:32.5	73.2	160.1	1.5	43	5.4		
TNS	e P	Z	12:04:31.9	73.2	155.6	1.5	29	5.2		
WLF	e P	Z	12:04:33.7	73.4	153.4	1.7	39	5.3		
UBBA	e P	Z	12:04:33.5	73.4	157.2	1.4	19	5.0		
RUE	e P	Z	12:04:37.9	74.1	160.9	1.2	79	5.7		
CLZ	e P	Z	12:04:38.2	74.2	157.6	1.7	30	5.2		
BUG	e P	Z	12:04:40.8	74.7	154.7	1.3	54	5.4		
BSEG	e P	Z	12:04:50.2	76.2	157.8	1.4	55	5.4		

Date 2006/03/15 Origin Time 14:19:42.9 Lat 21.680S Long 35.140E Depth 14.0 mb 5.6 Ms 5.3 ML Source SZGRF
Mozambique

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
FUR	e P	Z	14:31:10.9	73.0	156.9	1.4	226	6.1		
	e S	T	14:40:33.0							

GEC2	e P	Z	14:31:10.8	73.1	159.2	1.5	94	5.7	
	e S	T	14:40:35.7						
WET	e P	Z	14:31:13.3	73.6	158.5	1.5	53	5.5	
	e S	T	14:40:41.7						
BFO	e P	Z	14:31:16.2	74.0	154.2	1.7	54	5.4	
	e S	T	14:40:47.1						
STU	e P	Z	14:31:17.4	74.2	155.0	0.9	42	5.6	
	e S	T	14:40:49.8						
ROTZ	e P	Z	14:31:18.2	74.3	157.9	1.4	149	5.9	
	e S	T	14:40:51.6						
GRA1	e P	Z	14:31:19.3	74.5	157.0	1.2	138	6.0	
	e pP	Z	14:31:23.3						
	e S	T	14:40:54.8						
	e L	Z	15:08:04.0			19.0	1501		5.3
MANZ	e P	Z	14:31:19.6	74.5	157.8	1.4	102	5.8	
	e S	T	14:40:53.2						
WERD	e P	Z	14:31:22.0	74.9	158.1	1.3	107	5.8	
BRG	e P	Z	14:31:21.5	74.9	159.6	1.6	61	5.5	
MOX	e P	Z	14:31:23.7	75.2	157.4	1.5	88	5.7	
	e S	T	14:40:59.9						
CLL	e P	Z	14:31:25.3	75.5	158.8	1.6	110	5.6	
CLL	e P	Z	14:31:26.2	75.5	158.8	1.3	82	5.6	
	e PP	Z	14:34:16.3						
	e PPP	Z	14:36:03.4						
	e S	E	14:40:59.9						
	e SS	E	14:45:54.2						
	e (SSS)	N	14:49:16.2						
	e L	Z	15:08:03.6			20.0	1347		5.2
TNS	e P	Z	14:31:26.3	75.7	154.5	1.3	38	5.2	
	e S	T	14:41:07.3						
UBBA	e P	Z	14:31:27.4	75.8	156.0	1.5	42	5.3	
	e S	T	14:41:10.7						
WLF	e P	Z	14:31:27.1	75.8	152.3	1.3	55	5.4	
	e S	T	14:41:07.6						
RUE	e P	Z	14:31:31.0	76.5	159.6	1.4	185	5.9	
	e S	T	14:41:16.0						
CLZ	e P	Z	14:31:32.2	76.7	156.4	1.5	49	5.3	
	e S	T	14:41:18.3						
BUG	e P	Z	14:31:34.7	77.1	153.5	1.5	114	5.7	
	e S	T	14:41:23.4						
IBBN	e P	Z	14:31:38.5	77.7	154.1	0.9	39	5.5	
BSEG	e P	Z	14:31:42.9	78.6	156.5	1.5	145	5.9	

Date 2006/03/15 18:33:39.7
 Origin Time 18:33:39.7
 Lat 53.409N Long 161.404W Depth 33.0N mb 4.6 Ms ML Source SZGRF
 South of Alaska

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 18:45:28.0	76.7	355.5	0.9	4	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/16	13:59:25.1	11.033N	94.542E	33.0N		4.7		SZGRF

Andaman Islands, India, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e P	Z 14:11:10.1	76.2	89.6					
	e	14:11:41.3							
	e	14:12:08.3							
	e PPP	Z 14:15:46.1							
	e S	E 14:20:51.1							
	e SP	Z 14:21:24.4							
	e SSS	E 14:29:12.1							
	e LR	Z 14:35:56.8							
	e L	Z 14:51:19.3			20.0	966		5.1	
GRA1	e P	Z 14:11:16.7	77.3	87.8					
	e L	Z 14:52:04.7			19.8	405		4.7	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/16	15:12:11.4	4.700N	95.140E	33.0N	5.4			SZGRF

Northern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 15:24:22.5	80.8	93.9	1.1	30	5.2		
GEC2	e P	Z 15:24:22.8	80.8	93.4	1.0	72	5.7		
RUE	e P	Z 15:24:23.3	81.0	94.0	1.0	66	5.6		
WET	e P	Z 15:24:25.6	81.4	92.8	1.0	36	5.3		
CLL	e P	Z 15:24:25.2	81.4	93.2	1.0	23	5.1		
WERD	e P	Z 15:24:27.7	81.8	92.5	1.0	18	5.2		
ROTZ	e P	Z 15:24:28.5	81.9	92.4	1.0	32	5.4		
MANZ	e P	Z 15:24:29.0	81.9	92.3	1.1	47	5.5		
MOX	e P	Z 15:24:30.0	82.3	92.0	1.3	24	5.2		
FUR	e P	Z 15:24:30.6	82.4	91.4	0.7	26	5.4		
GRA1	e P	Z 15:24:31.7	82.5	91.6	1.0	52	5.7		
CLZ	e P	Z 15:24:34.4	83.1	91.2	1.0	34	5.5		
BSEG	e P	Z 15:24:34.9	83.2	91.4	1.0	43	5.6		
UBBA	e P	Z 15:24:35.5	83.3	90.8					
STU	e P	Z 15:24:37.8	83.8	89.9	0.6	14	5.3		
TNS	e P	Z 15:24:40.7	84.3	89.5	1.0	25	5.4		
BFO	e P	Z 15:24:40.5	84.4	89.2	0.9	23	5.4		
IBBN	e P	Z 15:24:42.7	84.7	89.2	0.9	36	5.6		
	e P	Z 15:24:55.0							
BUG	e P	Z 15:24:44.2	85.0	88.7	0.7	33	5.7		

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WLF e P Z 15:24:43.9 85.8 87.7
e P Z 15:24:48.6 1.1 21 5.2

Date Origin Time Lat Long Depth mb Ms ML Source
2006/03/17 07:29:10.2 21.421S 35.273E 33.0N 4.7
Mozambique SZGRF

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML
GRA1 e P Z 07:40:44.4 74.3 156.8 1.0 8 4.7

Date Origin Time Lat Long Depth mb Ms ML Source
2006/03/17 13:07:20.0 7.460S 125.136E 378D 5.3
Kepulauan Barat Daya, Indonesia NEIC

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML
CLL e PKiKP Z 13:25:06.3 109.6 77.1 0.8 9
e PP Z 13:25:41.1
e PKKPdf Z 13:36:26.2
GRA1 e PKiKP Z 13:25:08.7 111.0 76.2
e PP 13:25:55.4
e PKKP Z 13:36:19.1

Date Origin Time Lat Long Depth mb Ms ML Source
2006/03/17 13:48:15.0 4.900S 149.900E 20.0N
Bismarck Sea NEIC

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML
CLL e PKPdf Z 14:07:08.0 121.5 53.0
e PP Z 14:08:41.3
e pPP Z 14:08:59.3
e SS N 14:25:13.9
e SSS E 14:29:46.4
e LR Z 14:46:41.1
e L Z 15:02:43.4 22.0 1024 5.4
GRA1 e PKPdf Z 14:07:11.5 123.3 51.9

Date Origin Time Lat Long Depth mb Ms ML Source
2006/03/17 19:46:14.8 16.230S 177.290W 10.0N 5.5
Fiji Islands region NEIC

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML

WERD	e	PKPbc	Z	20:05:51.2	144.9	16.2				
MANZ	e	PKPbc	Z	20:05:51.9	145.4	16.0				
ROTZ	e	PKPbc	Z	20:05:53.0	145.6	16.3				
TNS	e	PKPbc	Z	20:05:53.0	145.7	9.8				
GRA1	e	PKPbc	Z	20:05:54.0	145.8	14.7				
	e	L	Z	21:13:57.8			20.8	814	5.5	
WET	e	PKPbc	Z	20:05:54.1	146.1	17.7				
GEC2	e	PKPbc	Z	20:05:55.0	146.2	19.2				
WLF	e	PKPbc	Z	20:05:55.8	146.4	6.0				
STU	e	PKPbc	Z	20:05:57.2	147.0	11.5				
FUR	e	PKPbc	Z	20:05:58.5	147.3	15.3				
BFO	e	PKPbc	Z	20:05:59.2	147.6	10.1				

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/17 20:54:52.1 63.000N 150.960W 121.5 5.0
 Central Alaska, United States SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	21:05:02.3	62.2	350.5	1.2	10	5.0		
	e pP	Z	21:05:31.8							
IBBN	e P	Z	21:05:11.3	63.5	349.4	0.7	10	5.2		
RUE	e P	Z	21:05:14.3	63.9	352.4	0.6	17	5.4		
CLZ	e P	Z	21:05:16.5	64.2	350.7	0.8	11	5.2		
	e pP	Z	21:05:45.0							
CLL	e P	Z	21:05:20.4	65.0	352.0	0.8	4	4.7		
	e pP	Z	21:05:49.5							
UBBA	e pP	Z	21:05:51.4	65.2	350.6					
BRG	e P	Z	21:05:24.5	65.5	352.5	0.9	6	4.8		
	e pP	Z	21:05:54.4							
MOX	e P	Z	21:05:24.7	65.5	351.4	0.7	10	5.1		
	e pP	Z	21:05:53.8							
TNS	e pP	Z	21:05:54.1	65.6	349.9					
WERD	e P	Z	21:05:26.3	65.8	351.8	1.1	8	4.9		
GRA1	e P	Z	21:05:30.4	66.4	351.3	1.0	10	5.0		
	e pP	Z	21:06:00.6							
ROTZ	e P	Z	21:05:30.8	66.5	351.8	0.9	7	4.9		
	e pP	Z	21:06:00.6							
WET	e P	Z	21:05:35.0	67.1	352.1	1.4	8	4.8		
	e pP	Z	21:06:05.1							
BFO	e pP	Z	21:06:06.6	67.5	350.0					
GEC2	e P	Z	21:05:36.8	67.5	352.5	0.9	3	4.6		
FUR	e P	Z	21:05:39.7	67.9	351.4	0.8	13	5.2		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/18 05:11:10.5 25.250S 177.350W 33.0N
 SZGRF

South of Fiji Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	05:30:59.2	150.8	14.3					
RUE	e PKPbc	Z	05:31:01.5	151.5	21.5					
IBBN	e PKPbc	Z	05:31:04.4	152.7	10.1					
CLL	e PKPbc	Z	05:31:04.2	152.8	20.8					
CLZ	e PKPbc	Z	05:31:04.5	152.8	15.4					
BRG	e PKPbc	Z	05:31:05.0	152.9	22.9					
MOX	e PKPbc	Z	05:31:05.9	153.7	18.5					
WERD	e PKPbc	Z	05:31:06.5	153.7	20.0					
MANZ	e PKPbc	Z	05:31:06.6	154.2	20.0					
GRA1	e PKPbc	Z	05:31:08.9	154.7	18.4					
GEC2	e PKPbc	Z	05:31:09.2	154.9	24.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/18	19:19:37.7	24.600N	119.620E	33.0N	4.8			SZGRF

Taiwan region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	19:31:46.1	80.3	62.6	0.9	4	4.4		
CLL	e P	Z	19:31:47.4	80.7	62.0	1.2	11	4.8		
BSEG	e P	Z	19:31:48.4	80.8	60.4	1.2	8	4.7		
GEC2	e P	Z	19:31:51.5	81.4	62.2	1.0	7	4.7		
MANZ	e P	Z	19:31:53.7	81.8	61.2	1.1	4	4.5		
CLZ	e P	Z	19:31:53.9	81.8	60.1	1.5	16	4.9		
ROTZ	e P	Z	19:31:53.9	81.8	61.2	1.0	5	4.6		
GRA1	e P	Z	19:31:57.0	82.4	60.5	1.1	10	5.0		
BFO	e P	Z	19:32:07.2	84.8	58.3	2.2	35	5.2		
WLF	e P	Z	19:32:11.5	85.2	56.8	1.0	11	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/19	02:49: 9.4	35.547N	72.691E	16.4	4.8			SZGRF

Pakistan

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	02:57:17.3	44.2	86.8	1.1	8	4.4		
RUE	e P	Z	02:57:17.8	44.2	88.3	1.2	9	4.4		
CLL	e P	Z	02:57:20.9	44.7	86.5	0.9	4	4.5		
	e pP	Z	02:57:25.3							
	e PcP	Z	02:58:59.4							
	e PP	Z	02:59:08.4							
	e SS	Z	03:07:44.9							
	e L	Z	03:20:26.9			18.0	177		4.1	
ROTZ	e P	Z	02:57:27.6	45.4	84.4	1.1	10	4.7		

	e pP	Z	02:57:31.3						
MANZ	e P	Z	02:57:27.4	45.4	84.5	1.3	9	4.6	
	e pP	Z	02:57:31.5						
MOX	e P	Z	02:57:29.7	45.6	84.8	1.3	8	4.6	
GRA1	e P	Z	02:57:32.0	46.0	83.6	0.9	10	4.8	
	e pP	Z	02:57:36.4						
FUR	e P	Z	02:57:32.7	46.1	82.2	1.5	46	5.3	
BSEG	e P	Z	02:57:31.7	46.2	87.0	0.9	7	4.7	
CLZ	e P	Z	02:57:34.1	46.3	85.1	1.0	12	4.9	
STU	e P	Z	02:57:44.0	47.4	81.4				
IBBN	e P	Z	02:57:45.8	47.9	83.6	1.0	12	5.0	
BFO	e pP	Z	02:57:52.1	48.1	80.4				
BUG	e P	Z	02:57:49.3	48.3	82.5				
WLF	e P	Z	02:57:57.7	49.2	80.2	2.1	64	5.3	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/19	04:24:32.7	4.520N	96.620E	50.5	5.2			SZGRF
Northern Sumatera, Indonesia								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	04:36:46.6	81.9	92.8	0.9	11	5.0		
GEC2	e P	Z	04:36:47.1	81.9	92.4	1.1	21	5.2		
RUE	e P	Z	04:36:47.5	82.1	92.9	0.8	53	5.7		
CLL	e P	Z	04:36:49.4	82.5	92.2	1.0	10	5.0		
WET	e P	Z	04:36:49.8	82.5	91.8	1.0	12	5.1		
WERD	e P	Z	04:36:51.8	82.9	91.5	1.0	7	4.9		
ROTZ	e P	Z	04:36:52.6	82.9	91.3	1.0	11	5.0		
MANZ	e P	Z	04:36:53.1	83.0	91.3	1.0	16	5.2		
MOX	e P	Z	04:36:54.1	83.3	91.0	1.2	13	5.0		
FUR	e P	Z	04:36:55.4	83.5	90.4	1.0	13	5.1		
GRA1	e P	Z	04:36:55.8	83.6	90.6	1.0	25	5.4		
	e pP	Z	04:37:10.4							
CLZ	e P	Z	04:36:58.4	84.1	90.2	0.9	17	5.3		
BSEG	e P	Z	04:36:58.8	84.2	90.3	0.9	34	5.6		
STU	e P	Z	04:37:02.4	84.9	88.9					
TNS	e P	Z	04:37:04.2	85.4	88.5	1.0	14	5.1		
BFO	e P	Z	04:37:04.5	85.5	88.3	1.1	12	4.9		
IBBN	e P	Z	04:37:06.5	85.7	88.1	0.8	27	5.4		
BUG	e P	Z	04:37:08.1	86.1	87.7	0.8	21	5.3		
WLF	e P	Z	04:37:12.3	86.9	86.7	1.0	11	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/19	04:36:25.9	2.940N	94.540E	30.5	5.2			SZGRF
Off west coast of northern Sumatera, Indonesia								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	04:48:42.0	81.8	95.0	1.3	50	5.5		
BRG	e P	Z	04:48:41.8	81.8	95.5	1.5	31	5.2		
RUE	e P	Z	04:48:43.4	82.0	95.6	1.3	48	5.5		
WET	e P	Z	04:48:44.6	82.3	94.4	1.4	26	5.2		
CLL	e P	Z	04:48:44.7	82.4	94.8	1.4	19	5.0		
WERD	e P	Z	04:48:47.0	82.8	94.1	1.5	22	5.2		
ROTZ	e P	Z	04:48:47.5	82.8	94.0	1.4	21	5.2		
MANZ	e P	Z	04:48:48.2	82.9	93.9	1.3	34	5.4		
MOX	e P	Z	04:48:49.2	83.2	93.6	1.6	21	5.1		
FUR	e P	Z	04:48:49.7	83.3	93.1	0.8	12	5.2		
GRA1	e P	Z	04:48:50.7	83.4	93.2	1.4	45	5.5		
	e pP	Z	04:48:59.5							
CLZ	e P	Z	04:48:53.9	84.1	92.8	1.4	31	5.4		
BSEG	e P	Z	04:48:54.2	84.2	92.9	1.5	27	5.3		
TNS	e P	Z	04:48:59.8	85.2	91.1	1.3	21	5.2		
BFO	e P	Z	04:48:59.2	85.3	90.9	1.4	9	4.8		
IBBN	e P	Z	04:49:02.2	85.7	90.7	1.4	25	5.2		
WLF	e P	Z	04:49:07.3	86.7	89.3	1.8	50	5.3		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/19 04:36:55.0 13.400S 172.300E 33.0N
 Vanuatu Islands region GSRC

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKPdf	Z	04:56:19.0	140.6	29.8					
CLL	e PKPdf	Z	04:56:19.9	138.6	31.4	2.3	128			
	e PP	Z	04:59:11.6							
	e SKPdf	Z	04:59:50.8							
	e PKSdf	Z	05:00:00.5							
	e SKKSac	E	05:06:05.6							
	e Sdiff	N	05:07:37.5							
	e SS	E	05:17:31.2							
	e SSS	N	05:22:37.9							
	e LR	Z	05:41:55.7							
	e L	Z	05:53:50.5			22.0	2847		6.0	

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/19 10:56:39.9 23.050S 170.850E 33.0N
 Southeast of Loyalty Islands SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e PKPbc	Z	11:16:14.9	145.8	39.6					
BSEG	e PKPbc	Z	11:16:15.0	145.8	33.1					
BRG	e PKPbc	Z	11:16:18.2	146.9	41.4					

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CLL	e	PKPbc	Z	11:16:18.7	147.0	39.5
CLZ	e	PKPbc	Z	11:16:20.5	147.5	34.9
WERD	e	PKPbc	Z	11:16:21.3	147.9	39.3
IBBN	e	PKPbc	Z	11:16:21.5	148.0	30.3
MOX	e	PKPbc	Z	11:16:21.3	148.0	38.0
MANZ	e	PKPbc	Z	11:16:23.0	148.3	39.5
ROTZ	e	PKPbc	Z	11:16:22.9	148.5	39.9
UBBA	e	PKPbc	Z	11:16:22.8	148.5	35.3
GEC2	e	PKPbc	Z	11:16:23.1	148.5	43.2
WET	e	PKPbc	Z	11:16:23.0	148.7	41.6
BUG	e	PKPbc	Z	11:16:24.2	148.9	30.2
GRA1	e	PKPbc	Z	11:16:24.4	148.9	38.4
	e	PKPab	Z	11:16:28.4		
TNS	e	PKPbc	Z	11:16:25.4	149.6	33.3
FUR	e	PKPbc	Z	11:16:27.4	150.1	40.1
	e	PKPab	Z	11:16:33.1		
STU	e	PKPbc	Z	11:16:28.3	150.5	36.0
	e	PKPab	Z	11:16:34.7		
WLF	e	PKPbc	Z	11:16:29.1	150.8	29.9
	e	PKPab	Z	11:16:36.2		
BFO	e	PKPbc	Z	11:16:29.2	151.2	35.0
	e	PKPab	Z	11:16:36.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/19	11:13:53.5	22.110S	171.000E	33.0N				SZGRF
Southeast of Loyalty Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e	PKPbc	Z 11:33:25.9	145.0	32.3					
BRG	e	PKPbc	Z 11:33:29.8	146.1	40.4					
CLL	e	PKPbc	Z 11:33:29.9	146.2	38.6					
CLZ	e	PKPbc	Z 11:33:30.8	146.7	34.1					
WERD	e	PKPbc	Z 11:33:32.4	147.1	38.3					
IBBN	e	PKPbc	Z 11:33:32.9	147.2	29.5					
MOX	e	PKPbc	Z 11:33:32.8	147.2	37.1					
MANZ	e	PKPbc	Z 11:33:34.4	147.6	38.5					
ROTZ	e	PKPbc	Z 11:33:34.8	147.7	38.8					
GEC2	e	PKPbc	Z 11:33:34.4	147.8	42.1					
GRA1	e	PKPbc	Z 11:33:35.7	148.1	37.4					
WLF	e	PKPbc	Z 11:33:41.1	150.0	28.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/19	12:55: 3.6	17.270S	174.230W	86.9				SZGRF
Tonga Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
IBBN	e PKPbc	Z	13:14:29.6	144.9	3.3					
CLZ	e PKPbc	Z	13:14:30.1	145.2	7.7					
CLL	e PKPbc	Z	13:14:30.3	145.5	12.2					
BRG	e PKPbc	Z	13:14:31.6	145.8	14.0					
BUG	e PKPbc	Z	13:14:31.6	145.8	2.5					
UBBA	e PKPbc	Z	13:14:33.3	146.3	7.3					
MOX	e PKPbc	Z	13:14:33.4	146.3	10.1					
WERD	e PKPbc	Z	13:14:33.8	146.4	11.3					
MANZ	e PKPbc	Z	13:14:35.7	146.9	11.1					
TNS	e PKPbc	Z	13:14:35.4	147.0	4.7					
ROTZ	e PKPbc	Z	13:14:35.7	147.1	11.4					
GRA1	e PKPbc	Z	13:14:36.2	147.3	9.7					
	e pPKPbc	Z	13:15:00.1							
WLF	e PKPbc	Z	13:14:37.3	147.6	0.7					
WET	e PKPbc	Z	13:14:37.1	147.6	12.7					
GEC2	e PKPbc	Z	13:14:38.1	147.8	14.3					
STU	e PKPbc	Z	13:14:39.8	148.4	6.2					
FUR	e PKPbc	Z	13:14:40.7	148.8	10.2					
BFO	e PKPbc	Z	13:14:40.4	148.9	4.7					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/19	13:32:39.0	21.700S	176.430W	33.0G				SZGRF
Fiji Islands region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	13:52:15.8	147.4	11.7					
RUE	e PKPbc	Z	13:52:18.2	148.2	18.2					
IBBN	e PKPbc	Z	13:52:20.6	149.2	7.6					
CLZ	e PKPbc	Z	13:52:21.2	149.4	12.5					
CLL	e PKPbc	Z	13:52:21.2	149.5	17.5					
BRG	e PKPbc	Z	13:52:21.8	149.7	19.4					
BUG	e PKPbc	Z	13:52:22.4	150.1	6.9					
MOX	e PKPbc	Z	13:52:23.3	150.4	15.3					
	e PKPab	Z	13:52:29.6							
WERD	e PKPbc	Z	13:52:23.9	150.4	16.6					
	e PKPab	Z	13:52:30.0							
UBBA	e PKPbc	Z	13:52:23.6	150.4	12.2					
	e PKPab	Z	13:52:29.9							
MANZ	e PKPbc	Z	13:52:24.8	150.9	16.5					
ROTZ	e PKPbc	Z	13:52:25.2	151.1	16.8					
	e PKPab	Z	13:52:33.1							
TNS	e PKPbc	Z	13:52:25.4	151.2	9.4					
	e PKPab	Z	13:52:33.4							
GRA1	e PKPbc	Z	13:52:26.0	151.4	15.0					
	e PKPab	Z	13:52:34.2							
WET	e PKPbc	Z	13:52:26.6	151.6	18.4					

	e PKPab	Z	13:52:35.0					
GEC2	e PKPbc	Z	13:52:26.4	151.7	20.2			
	e PKPab	Z	13:52:35.3					
WLF	e PKPbc	Z	13:52:27.2	152.0	5.1			
	e PKPab	Z	13:52:36.8					
STU	e PKPab	Z	13:52:38.8	152.6	11.4			
FUR	e PKPbc	Z	13:52:29.3	152.8	15.8			
	e PKPab	Z	13:52:40.3					
BFO	e PKPbc	Z	13:52:29.4	153.1	9.8			
	e PKPab	Z	13:52:41.0					

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/19 16:23:30.6 24.230S 32.210E 13.7 4.8 Mozambique
 SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
FUR	e P	Z	16:35:08.6	74.8	160.3	0.8	14	5.1		
GEC2	e P	Z	16:35:09.4	74.9	162.6	1.5	10	4.7		
ROTZ	e P	Z	16:35:16.7	76.1	161.3	1.1	8	4.7		
GRA1	e P	Z	16:35:17.4	76.2	160.4	1.2	13	4.9		
	e pP	Z	16:35:21.4							
MANZ	e P	Z	16:35:18.2	76.3	161.2	1.3	8	4.7		
WERD	e P	Z	16:35:19.8	76.7	161.4	1.2	10	4.8		
MOX	e P	Z	16:35:21.8	77.1	160.8	1.4	12	4.8		
CLZ	e P	Z	16:35:29.3	78.4	159.7					
BUG	e P	Z	16:35:31.5	78.8	156.9	0.7	6	4.8		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/19 20:01:54.0 14.400S 167.200E 130.0N Vanuatu Islands
 GSRC

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPdf	Z	20:21:03.9	137.7	38.8	0.8	6			
	e PKiKP	Z	20:21:06.3							
	e pPKPdf	Z	20:21:51.9							
	e SKPdf	Z	20:24:21.8							
	e SKPab	Z	20:24:27.1							
GRA1	e PKPdf	Z	20:21:05.7	139.6	37.5					

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/20 03:16:46.1 0.235S 28.180W 33.0N Central Mid-Atlantic Ridge
 SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	03:26:51.3	60.2	227.0	1.5	12	4.7		
	e S	R	03:35:05.0							
	e L	Z	03:49:41.0			19.9	398		4.6	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/20	14:17:57.1	7.510S	150.160E	29.1		5.3		SZGRF
New Britain, Papua New Guinea, region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e PKPdf	Z	14:36:50.9	122.7	54.4					
BSEG	e PKPdf	Z	14:36:52.0	123.5	50.0					
	e pPKPdf	Z	14:37:00.6							
BRG	e PKPdf	Z	14:36:52.3	123.6	55.4					
CLL	i PKPdf	+ Z	14:36:52.4	123.8	54.2	0.9	64			
	e pPKPdf	Z	14:37:00.8							
	e PP	Z	14:38:36.8							
	e PPP	Z	14:41:04.7							
	e PKKP	Z	14:46:44.2							
	e PS	E	14:48:24.8							
	e SKKPdf	Z	14:50:55.6							
	e L	Z	15:30:21.1			21.7	801		5.3	
WERD	e PKPdf	Z	14:36:54.1	124.7	54.0					
	e pPKPdf	Z	14:37:03.0							
CLZ	e PKPdf	Z	14:36:54.7	124.8	51.2					
GEC2	e PKPdf	Z	14:36:54.6	124.8	56.3					
MOX	e PKPdf	Z	14:36:54.5	124.9	53.2					
MANZ	e PKPdf	Z	14:36:55.3	125.0	54.0					
	e pPKPdf	Z	14:37:04.2							
ROTZ	e PKPdf	Z	14:36:55.1	125.1	54.3					
WET	e PKPdf	Z	14:36:55.4	125.1	55.3					
UBBA	e PKPdf	Z	14:36:56.0	125.6	51.4					
GRA1	e PKPdf	Z	14:36:56.1	125.7	53.3					
	e PP	Z	14:38:48.5							
	e L	Z	15:31:28.2			21.8	708		5.3	
IBBN	e PKPdf	Z	14:36:56.2	125.7	48.2					
BUG	e PKPdf	Z	14:36:57.8	126.5	48.1					
FUR	e PKPdf	Z	14:36:58.1	126.6	54.3					
	e pPKPdf	Z	14:37:07.0							
TNS	e PKPdf	Z	14:36:58.4	126.8	50.1					
STU	e PKPdf	Z	14:36:59.7	127.3	51.7					
	e pPKPdf	Z	14:37:08.4							
BFO	e PKPdf	Z	14:37:00.4	128.0	51.0					
WLF	e PKPdf	Z	14:37:02.0	128.2	47.9					
	e pPKPdf	Z	14:37:10.6							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/20	14:29:24.0	5.900S	151.400E	50.0N				NEIC

New Britain, Papua New Guinea, region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPdf	Z	14:48:15.3	122.6	47.9					
BRG	e PKPdf	Z	14:48:15.7	122.8	53.2					
CLL	e PKPdf	Z	14:48:16.1	123.0	52.0					
WERD	e PKPdf	Z	14:48:17.9	123.9	51.7					
CLZ	e PKPdf	Z	14:48:18.4	124.0	49.0					
MOX	e PKPdf	Z	14:48:18.5	124.1	50.9					
GEC2	e PKPdf	Z	14:48:18.0	124.2	54.0					
MANZ	e PKPdf	Z	14:48:18.6	124.3	51.8					
WET	e PKPdf	Z	14:48:19.2	124.4	53.0					
GRA1	e PKPdf	Z	14:48:19.3	124.9	51.0					
BFO	e PKPdf	Z	14:48:24.2	127.3	48.7					
WLF	e PKPdf	Z	14:48:26.3	127.4	45.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/20	14:35: 5.0	5.900S	151.200E	54.0				NEIC

New Britain, Papua New Guinea, region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e PKPdf	Z	14:53:54.3	121.8	52.4					
BSEG	e PKPdf	Z	14:53:55.6	122.5	48.1					
BRG	e PKPdf	Z	14:53:55.8	122.7	53.4					
CLL	e PKPdf	Z	14:53:56.0	122.9	52.2					
WERD	e PKPdf	Z	14:53:57.9	123.8	51.9					
CLZ	e PKPdf	Z	14:53:58.3	123.9	49.2					
MOX	e PKPdf	Z	14:53:58.2	124.0	51.1					
GEC2	e PKPdf	Z	14:53:58.4	124.1	54.2					
MANZ	e PKPdf	Z	14:53:59.0	124.2	52.0					
ROTZ	e PKPdf	Z	14:53:58.8	124.3	52.2					
WET	e PKPdf	Z	14:53:59.3	124.3	53.2					
UBBA	e PKPdf	Z	14:53:59.9	124.7	49.3					
IBBN	e PKPdf	Z	14:54:00.1	124.7	46.1					
GRA1	e PKPdf	Z	14:53:59.7	124.8	51.2					
	e pPKPdf	Z	14:54:08.0							
BUG	e PKPdf	Z	14:54:01.3	125.6	46.0					
FUR	e PKPdf	Z	14:54:01.6	125.8	52.1					
	e pPKPdf	Z	14:54:09.9							
TNS	e PKPdf	Z	14:54:01.6	125.8	48.0					
STU	e PKPdf	Z	14:54:03.3	126.4	49.6					
	e pPKPdf	Z	14:54:11.6							
BFO	e PKPdf	Z	14:54:03.8	127.2	48.9					
WLF	e PKPdf	Z	14:54:05.3	127.3	45.8					

e pPKPdf Z 14:54:14.1

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/20	17:40:40.1	34.320N	74.950E	33.0N	5.4	4.4		SZGRF

Southwestern Kashmir

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	17:49:03.6	46.4	86.4	1.1	41	5.4		
RUE	e P	Z	17:49:03.3	46.4	87.8	1.2	59	5.5		
GEC2	e P	Z	17:49:06.3	46.7	84.3	1.7	37	5.2		
CLL	i P	+ Z	17:49:07.8	46.9	86.1	1.2	29	5.2		
	e PcP	Z	17:50:44.8							
	e S	N	17:55:56.2							
	e SS	Z	17:59:28.7							
	e LR	Z	18:03:09.5							
	e L	Z	18:10:49.0			20.0	864		4.7	
WET	e P	Z	17:49:10.1	47.2	84.0	2.0	49	5.3		
WERD	e P	Z	17:49:12.0	47.4	84.8	1.2	24	5.2		
ROTZ	e P	Z	17:49:13.8	47.6	84.1	1.4	48	5.4		
MANZ	e P	Z	17:49:14.0	47.6	84.3	1.3	35	5.3		
MOX	e P	Z	17:49:15.3	47.9	84.5	1.2	32	5.3		
GRA1	e P	Z	17:49:18.9	48.2	83.4	1.4	80	5.6		
	e L	Z	18:13:24.2			19.9	379		4.4	
FUR	e P	Z	17:49:19.5	48.4	82.1	1.5	126	5.8		
BSEG	e P	Z	17:49:19.8	48.4	86.5	1.2	60	5.6		
CLZ	e P	Z	17:49:20.5	48.5	84.7	1.2	62	5.6		
UBBA	e P	Z	17:49:23.1	48.9	83.5	1.5	30	5.1		
STU	e P	Z	17:49:28.4	49.6	81.2					
TNS	e P	Z	17:49:31.2	49.9	81.9	1.1	22	5.0		
IBBN	e P	Z	17:49:32.4	50.1	83.2	1.1	83	5.6		
BFO	e P	Z	17:49:33.3	50.3	80.3	1.5	27	4.9		
BUG	e P	Z	17:49:35.5	50.5	82.1	0.4	41	5.8		
WLF	e P	Z	17:49:43.3	51.5	79.9	1.1	63	5.4		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/20	17:38:11.4	23.770S	179.770E	559.9				SZGRF

South of Fiji Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPdf	Z	17:56:51.2	148.8	18.9					
	e PKPbc	Z	17:56:55.3							
	e PKPab	Z	17:57:02.0							
RUE	e PKPbc	Z	17:56:56.9	149.4	25.8					
	e PKPab	Z	17:57:04.2							
CLL	e PKPdf	Z	17:56:53.4	150.6	25.3					

	e PKPbc	Z	17:56:59.7		
	e PKPab	Z	17:57:09.6		
	e pPKPab	Z	17:59:13.9		
BRG	e PKPdf	Z	17:56:53.8	150.8	27.3
	e PKPbc	Z	17:57:00.2		
	e PKPab	Z	17:57:10.2		
	e pPKPdf	Z	17:59:04.7		
	e pPKPbc	Z	17:59:08.2		
	e pPKPab	Z	17:59:18.4		
CLZ	e PKPbc	Z	17:57:00.2	150.8	20.2
	e PKPab	Z	17:57:10.3		
IBBN	e PKPdf	Z	17:56:55.3	150.8	15.1
	e PKPbc	Z	17:57:00.6		
	e PKPab	Z	17:57:10.1		
MOX	e PKPbc	Z	17:57:01.5	151.6	23.3
	e PKPab	Z	17:57:13.7		
WERD	e PKPdf	Z	17:56:56.0	151.6	24.7
	e PKPbc	Z	17:57:01.9		
	e PKPab	Z	17:57:13.7		
BUG	e PKPbc	Z	17:57:02.5	151.7	14.6
	e PKPab	Z	17:57:13.9		
	e pPKPab	Z	17:59:18.3		
UBBA	e PKPdf	Z	17:56:56.4	151.8	20.1
	e PKPbc	Z	17:57:02.8		
	e PKPab	Z	17:57:14.5		
MANZ	e PKPdf	Z	17:56:55.9	152.1	24.7
	e PKPbc	Z	17:57:03.6		
ROTZ	e PKPbc	Z	17:57:04.0	152.2	25.0
	e PKPab	Z	17:57:17.0		
GRA1	e PKPdf	Z	17:56:56.3	152.6	23.2
	e PKPab	Z	17:57:18.2		
	e pPKPab	Z	17:59:22.7		
WET	e PKPdf	Z	17:56:56.7	152.6	26.8
	e PKPbc	Z	17:57:04.0		
	e PKPab	Z	17:57:18.4		
GEC2	e PKPdf	Z	17:56:56.3	152.6	28.6
	e PKPbc	Z	17:57:04.5		
	e PKPab	Z	17:57:18.6		
	e pPKPab	Z	17:59:22.4		
TNS	e PKPdf	Z	17:56:56.9	152.7	17.5
	e PKPbc	Z	17:57:04.1		
	e PKPab	Z	17:57:17.9		
WLF	e PKPdf	Z	17:56:58.8	153.6	13.2
	e PKPbc	Z	17:57:07.1		
	e PKPab	Z	17:57:22.2		
	e pPKPab	Z	17:59:26.7		
STU	e PKPdf	Z	17:56:58.1	153.9	19.9
	e PKPbc	Z	17:57:07.5		
	e PKPab	Z	17:57:23.2		

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FUR	e	PKPdf	Z	17:56:59.5	154.0	24.6
	e	PKPbc	Z	17:57:08.3		
	e	PKPab	Z	17:57:24.0		
	e	pPKPab	Z	17:59:28.9		
BFO	e	PKPab	Z	17:57:25.9	154.5	18.5

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/20	19:44:45.3	37.862N	5.356E	33.0G	4.5	3.6		SZGRF
Western Mediterranean Sea								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e P	Z 19:47:14.3	10.7	192.8					
FUR	e P	Z 19:47:22.9	11.2	204.9					
WLF	e P	Z 19:47:29.7	11.8	183.1					
WET	e P	Z 19:47:39.3	12.5	208.5					
GEC2	e P	Z 19:47:38.4	12.5	211.9					
GRA1	e P	Z 19:47:41.1	12.6	201.8					
	e L	Z 19:52:00.5			18.9	549		3.6	
TNS	e P	Z 19:47:40.4	12.6	191.3					
ROTZ	e P	Z 19:47:45.8	12.9	205.0					
MANZ	e P	Z 19:47:47.4	13.0	204.3					
UBBA	e P	Z 19:47:53.6	13.4	196.1					
WERD	e P	Z 19:47:55.0	13.5	204.1					
MOX	e P	Z 19:47:54.8	13.5	201.6					
BUG	e P	Z 19:47:53.9	13.6	186.4					
BRG	e P	Z 19:48:04.1	14.4	208.4					
CLZ	e P	Z 19:48:06.5	14.4	196.1					
CLL	e P	Z 19:48:06.3	14.5	204.8	1.2	54			
BSEG	e P	Z 19:48:33.2	16.4	194.0	1.1	40	4.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/20	20:32:15.7			N	4.6			SZGRF
Southern India								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 20:41:54.0			1.4	9	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/21	06:52: 4.2	28.190N	68.840E	33.0G	5.0			SZGRF
Pakistan								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 07:00:24.4	46.6	95.4	1.1	14	5.0		

BRG	e P	Z	07:00:25.0	46.7	97.5	0.9	8	4.8
ROTZ	e P	Z	07:00:32.6	47.6	95.0	6.5	569	5.8
WERD	e P	Z	07:00:32.9	47.6	95.7	1.3	14	4.9
MANZ	e P	Z	07:00:33.6	47.7	95.2	0.9	6	4.7
MOX	e P	Z	07:00:36.2	48.1	95.3	1.1	14	5.0
GRA1	e P	Z	07:00:38.2	48.3	94.2	1.0	13	5.0
CLZ	e P	Z	07:00:42.2	49.0	95.4	1.1	15	4.9
BSEG	e P	Z	07:00:44.9	49.2	97.1	1.1	16	5.0
BFO	e P	Z	07:00:50.9	50.1	90.7	1.2	6	4.4
BUG	e P	Z	07:00:58.3	50.9	92.5	1.1	21	5.0

Date 2006/03/21
 Origin Time 07:08:30.8
 Lat 30.160N
 Long 67.860E
 Depth 33.0G
 mb 4.8
 Ms
 ML
 Source SZGRF
 Pakistan

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	07:16:34.5	44.6	94.1	1.3	9	4.6		
BRG	e P	Z	07:16:35.6	44.7	96.4	1.5	20	4.8		
WERD	e P	Z	07:16:43.0	45.7	94.6	1.1	6	4.5		
ROTZ	e pP	Z	07:17:05.7	45.7	93.8					
MANZ	e P	Z	07:16:44.7	45.8	94.0	1.1	9	4.7		
	e pP	Z	07:17:06.1							
MOX	e P	Z	07:16:46.6	46.1	94.2	1.1	10	4.7		
GRA1	e P	Z	07:16:48.5	46.3	93.0	0.6	9	5.0		
CLZ	e P	Z	07:16:53.7	47.0	94.3	1.1	8	4.8		
BSEG	e P	Z	07:16:55.0	47.2	96.2	1.2	24	5.2		
	e pP	Z	07:17:19.0							
TNS	e P	Z	07:17:02.2	48.1	91.3	1.9	43	5.3		
	e pP	Z	07:17:24.5							
IBBN	e pP	Z	07:17:27.1	48.6	92.6					

Date 2006/03/21
 Origin Time
 Lat
 Long
 Depth
 mb
 Ms
 ML
 Source

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z	09:19:59.6							

Date 2006/03/21
 Origin Time
 Lat
 Long
 Depth
 mb
 Ms
 ML
 Source

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	10:20:54.9							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/21	11:29:12.6	39.562N	41.347E	33.0N	4.0			SZGRF

Turkey

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 11:34:20.1	23.5	104.0	0.9	5	4.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/21								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 11:51:36.0							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/22	04:36: 6.0	19.300S	178.180W	534.1				SZGRF

Fiji Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 04:54:41.8	144.8	14.0					
CLL	e PKPbc	Z 04:54:47.1	146.8	19.5					
BRG	e PKPbc	Z 04:54:48.4	147.0	21.3					
MOX	e PKPbc	Z 04:54:49.9	147.7	17.5					
WERD	e PKPbc	Z 04:54:50.0	147.8	18.8					
UBBA	e pPKPbc	Z 04:56:55.4	147.8	14.6					
MANZ	e PKPbc	Z 04:54:51.9	148.2	18.7					
ROTZ	e PKPbc	Z 04:54:52.2	148.4	19.0					
TNS	e PKPbc	Z 04:54:52.4	148.6	12.1					
	e pPKPbc	Z 04:56:55.9							
GRA1	e PKPbc	Z 04:54:53.0	148.7	17.3					
WET	e PKPbc	Z 04:54:54.0	148.9	20.5					
GEC2	e PKPbc	Z 04:54:53.2	148.9	22.1					
WLF	e PKPbc	Z 04:54:55.2	149.4	8.1					
FUR	e PKPbc	Z 04:54:55.7	150.1	18.1					
BFO	e PKPbc	Z 04:54:56.7	150.5	12.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/22	05:42: 8.6	40.461N	125.860W	33.0N	4.9	4.4		SZGRF

Off coast of northern California, United States

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 05:54:27.1	82.3	328.5	1.7	15	4.9		

e L Z 06:30:02.0 21.8 192 4.4

Date Origin Time Lat Long Depth mb Ms ML Source
2006/03/22 07:51:40.2 40.080N 78.743E 33.0N 4.9 SZGRF
Southern Xinjiang, China

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 07:59:53.7	45.2	77.5	1.0	13	4.8		
CLL	e P	Z 07:59:51.1	45.6	77.3	0.7	6	4.6		
	e pP	Z 07:59:57.1							
	e PcP	Z 08:01:33.6							
	e PPP	Z 08:02:16.0							
	e S	E 08:06:34.9							
	e L	Z 08:21:32.4			20.0	105		3.8	
GEC2	e P	Z 07:59:58.9	45.8	75.4	1.0	16	5.0		
WET	e P	Z 08:00:02.4	46.2	75.2	1.2	13	4.8		
WERD	e P	Z 08:00:02.5	46.3	76.1	1.0	9	4.7		
MANZ	e P	Z 08:00:04.6	46.5	75.5	0.9	6	4.7		
MOX	e P	Z 08:00:05.1	46.7	75.8	1.1	9	4.8		
BSEG	e P	Z 08:00:04.7	46.7	78.0	1.1	26	5.3		
CLZ	e P	Z 08:00:08.4	47.1	76.1	1.3	15	5.0		
GRA1	e P	Z 08:00:09.6	47.1	74.7	0.9	20	5.2		
STU	e P	Z 08:00:21.8	48.7	72.7	0.7	14	5.1		
TNS	e P	Z 08:00:21.1	48.7	73.5	0.8	5	4.6		
BUG	e P	Z 08:00:24.8	49.1	73.8	0.3	15	5.5		
BFO	e P	Z 08:00:25.7	49.3	71.8	1.3	15	4.7		

Date Origin Time Lat Long Depth mb Ms ML Source
2006/03/22 10:08:41.1 2.359N 96.538E 33.0N 4.7 SZGRF
Northern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 10:21:14.5	85.2	92.0	1.1	5	4.7		

Date Origin Time Lat Long Depth mb Ms ML Source
2006/03/22 11:26:19.8 44.090N 20.209E 10.0G 4.9 SZGRF
Northwestern Balkan Peninsula

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
ARSA	e Pn	Z 11:27:27.3	4.5	132.3					4.8
OBKA	e Pn	Z 11:27:28.3	4.7	119.2					5.1
MOA	e Pn	Z 11:27:41.8	5.6	130.1					
KBA	e Pn	Z 11:27:42.7	5.7	119.4					

GEC2	e Pn	Z	11:27:54.9	6.5	134.3
WTTA	e Pn	Z	11:27:59.3	6.8	114.8
	e Sn	E	11:29:15.0		
WET	e Pn	Z	11:28:03.0	7.1	132.4
FUR	e Pn	Z	11:28:06.7	7.4	120.1
ROTZ	e Pn	Z	11:28:13.0	7.9	133.1
DAVA	e Pn	Z	11:28:14.3	7.9	110.1
MANZ	e Pn	Z	11:28:15.5	8.1	133.9
TANN	e Pn	Z	11:28:17.3	8.2	137.4
GRA1	e Pn	Z	11:28:18.7	8.3	129.0
CLL	e Pn	Z	11:28:23.8	8.7	143.4
MOX	e Pn	N	11:28:25.1	8.8	135.2
	e Pn	Z	11:28:25.2		
BFO	e Pn	E	11:28:31.0	9.2	112.9
TNS	e Pn	Z	11:28:42.8	10.1	123.0

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/22 11:35:18.9 19.850S 34.992E 16.1 4.9 4.7 ML SZGRF
 Mozambique

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
FUR	e P	Z 11:46:38.1	71.3	156.5	1.0	24	5.3		
GEC2	e P	Z 11:46:38.1	71.3	158.9	1.5	11	4.8		
WET	e P	Z 11:46:40.5	71.7	158.1					
ROTZ	e P	Z 11:46:44.9	72.5	157.5	1.4	20	5.1		
GRA1	e P	Z 11:46:46.2	72.7	156.6	1.0	18	5.1		
	e pP	Z 11:46:50.8							
	e L	Z 12:26:28.5			20.0	410		4.7	
MANZ	e P	Z 11:46:46.5	72.7	157.5	1.5	22	5.1		
WERD	e P	Z 11:46:48.7	73.1	157.7	1.4	20	5.0		
BRG	e P	Z 11:46:48.8	73.1	159.3	1.0	4	4.6		
MOX	e P	Z 11:46:50.9	73.4	157.1	1.3	12	4.9		
CLL	e P	Z 11:46:52.3	73.7	158.5	1.2	9	4.8		
TNS	e P	Z 11:46:53.3	73.9	154.1	1.1	8	4.7		
UBBA	e P	Z 11:46:54.2	74.0	155.6	1.5	14	4.8		
CLZ	e P	Z 11:46:58.8	74.9	156.0	1.4	13	4.8		
BSEG	e P	Z 11:47:11.0	76.8	156.2	1.2	14	5.0		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/23 03:25:23.0 30.470S 176.970W 33.0G ML GSRC
 Kermadec Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPab	Z 03:45:40.2	156.0	15.6	1.1	45			
CLL	e PKPab	Z 03:45:48.0	157.9	23.4	0.9	29			

IBBN	e	PKPab	Z	03:45:48.7	157.9	10.9	0.9	84
CLZ	e	PKPab	Z	03:45:48.8	158.0	17.1	0.9	26
BRG	e	PKPab	Z	03:45:48.9	158.0	25.9		
BUG	e	PKPab	Z	03:45:52.4	158.8	10.1	1.1	25
MOX	e	PKPab	Z	03:45:52.4	158.8	20.9	1.1	18
TANN	e	PKPab	Z	03:45:52.5	158.8	23.0	1.1	16
ROTZ	e	PKPab	Z	03:45:55.8	159.5	23.1	1.3	18
GRA1	e	PKPab	Z	03:45:56.9	159.8	20.8	1.2	42
TNS	e	PKPab	Z	03:45:56.8	159.8	13.7	0.8	19
WET	e	PKPab	Z	03:45:57.3	159.9	25.4	1.0	19
STU	e	PKPab	Z	03:46:02.5	161.1	16.6	0.9	23
FUR	e	PKPab	Z	03:46:03.2	161.2	22.6	0.8	47
BFO	e	PKPab	Z	03:46:04.9	161.7	14.7	0.9	18

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/23	06:14:43.9	21.059S	34.397E	33.0N	5.0			SZGRF

Mozambique

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 06:26:14.8	73.7	157.5	1.5	21	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/23	13:57:41.6	62.500S	164.800E	10.0N		5.4		NEIC

Balleny Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKPab	Z 14:18:24.4	160.7	141.5					
	e L	Z 15:40:25.0			21.1	564		5.4	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/24	12:27:11.2	3.150S	143.150E	33.0N		6.0		SZGRF

Near north coast of New Guinea, Papua New Guinea

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e Pdiff	Z 12:42:05.7	116.2	59.5					
	e PKiKP	Z 12:45:50.0							
	e PP	Z 12:46:56.9							
BSEG	e Pdiff	Z 12:42:05.4	116.4	54.8					
	e PP	Z 12:46:58.7							
CLL	e Pdiff	Z 12:42:05.1	116.4	58.5					
	e PKPdf	Z 12:45:50.0			1.1	14			
	e pPKPdf	Z 12:46:03.8							
	e PP	Z 12:46:58.5							

	e PPP	Z	12:49:31.6					
	e SKKSac	Z	12:53:54.4					
	e Sdiff	N	12:54:46.7					
	e PS	N	12:56:44.2					
	e SS	N	13:03:11.1					
	e SSS	E	13:07:24.9					
	e L	Z	13:41:13.3			18.0	4491	6.1
TANN	e Pdiff	Z	12:42:09.8	117.2	58.4			
	e PP	Z	12:47:04.6					
GEC2	e Pdiff	Z	12:42:10.5	117.3	60.2			
	e PKiKP	Z	12:45:52.0					
	e PP	Z	12:47:04.8					
CLZ	e Pdiff	Z	12:42:11.0	117.5	55.7			
	e PKiKP	Z	12:45:52.3					
	e PP	Z	12:47:06.8					
MOX	e Pdiff	Z	12:42:11.3	117.5	57.4			
	e PKiKP	Z	12:45:51.8					
	e PP	Z	12:47:07.0					
WET	e Pdiff	Z	12:42:12.6	117.6	59.3			
	e PKiKP	Z	12:45:52.8					
	e PP	Z	12:47:07.9					
	e Sdiff	N	12:54:54.7					
ROTZ	e Pdiff	Z	12:42:13.4	117.7	58.4			
GRA1	e Pdiff	Z	12:42:15.2	118.3	57.5			
	e PKiKP	Z	12:45:53.9					
	e PP	Z	12:47:12.0					
	e Sdiff	N	12:54:58.3					
	e L	Z	13:42:30.6			19.2	3319	6.0
UBBA	e PP	Z	12:47:11.8	118.3	55.8			
IBBN	e Pdiff	Z	12:42:16.5	118.6	53.0			
	e PP	Z	12:47:14.4					
FUR	e Pdiff	Z	12:42:18.2	119.0	58.3			
	e PKiKP	Z	12:45:55.7					
	e PP	Z	12:47:17.8					
BUG	e Pdiff	Z	12:42:20.0	119.3	52.9			
	e PP	Z	12:47:19.0					
TNS	e Pdiff	Z	12:42:19.4	119.4	54.6			
	e PP	Z	12:47:20.5					
STU	e Pdiff	Z	12:42:22.3	119.9	56.0			
	e PKiKP	Z	12:45:57.3					
	e PP	Z	12:47:23.5					
BFO	e Pdiff	Z	12:42:24.6	120.6	55.4			
	e PKiKP	Z	12:45:58.2					
	e PP	Z	12:47:28.0					
WLF	e Pdiff	Z	12:42:28.3	121.0	52.6			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
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2006/03/24 17:46:51.3
Fiji Islands region

18.246S 175.121E 33.0N 5.7 SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPdf	Z	18:06:23.2	144.1	29.8	1.5	26			
	e pPKPdf	Z	18:06:37.2							
	e PP	Z	18:09:34.2							
	e SKSac	Z	18:13:35.9							
	e SS	Z	18:28:15.5							
	e SSS	T	18:33:28.0							
	e LQ	T	18:48:34.4							
	e LR	Z	18:54:36.1							
	e L	Z	19:06:37.0			22.0	2301		5.9	
ROTZ	e PKPbc	Z	18:06:26.0	145.6	29.6					
GEC2	e PKPbc	Z	18:06:26.9	145.9	32.7					
WET	e PKPbc	Z	18:06:26.8	145.9	31.1					
GRA1	e PKPbc	Z	18:06:27.1	146.0	28.1					
	e L	Z	19:11:13.4			21.0	1278		5.7	
TNS	e PKPbc	Z	18:06:28.1	146.3	23.2					
FUR	e PKPbc	Z	18:06:31.6	147.3	29.3					
WLF	e PKPbc	Z	18:06:31.9	147.4	19.7					
STU	e PKPbc	Z	18:06:31.7	147.4	25.4					
BFO	e PKPbc	Z	18:06:33.5	148.1	24.2					

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/24 22:15:56.5 42.278N 144.848E 33.0N 5.0
 Hokkaido, Japan, region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	22:27:59.9	79.5	33.0	1.3	27	5.0		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/25 03:16: 5.2 40.942N 127.621W 33.0N 5.0 4.7
 Off coast of northern California, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	03:28:03.2	78.5	328.9	1.5	23	5.0		
	e PP	Z	03:30:59.1							
IBBN	e P	Z	03:28:07.6	79.1	327.3	1.3	20	5.0		
	e PP	Z	03:31:04.2							
BUG	e P	Z	03:28:09.7	79.6	327.0	0.9	12	4.8		
CLZ	e P	Z	03:28:14.0	80.3	329.1	1.2	13	4.8		
	e PP	Z	03:31:13.6							
TNS	e P	Z	03:28:18.2	81.1	328.0	1.8	18	4.8		
CLL	e P	Z	03:28:21.0	81.6	331.0	0.8	4	4.6		

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MOX	e P	Z	03:28:21.7	81.7	330.1	1.7	17	4.9		
BRG	e P	Z	03:28:24.1	82.2	331.7	1.3	18	5.1		
GRA1	e P	Z	03:28:24.6	82.4	329.9	1.2	18	5.2		
	e PP	Z	03:31:31.1							
	e L	Z	04:03:07.2			20.1	352		4.7	
BFO	e P	Z	03:28:25.5	82.6	328.0	2.7	66	5.4		
	e PP	Z	03:31:33.5							
WET	e P	Z	03:28:29.0	83.4	331.1	1.4	10	4.9		
FUR	e PP	Z	03:31:43.3	83.8	330.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/25	05:51:56.1	26.733N	92.064E	33.0N	5.0			SZGRF

Northeastern India

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e P	Z 06:02:13.2	62.1	81.5	0.6	14	5.4		
BRG	e P	Z 06:02:14.4	62.3	80.8	0.6	6	4.9		
GEC2	e P	Z 06:02:18.6	62.8	79.6	0.9	11	5.0		
CLL	e P	Z 06:02:18.3	62.8	80.4	0.5	2	4.5		
WET	e P	Z 06:02:21.8	63.3	79.2	0.6	4	4.7		
MOX	e P	Z 06:02:25.2	63.8	79.0	0.6	2	4.6		
BSEGE	e P	Z 06:02:26.5	64.0	79.7	0.7	7	5.0		
GRA1	e P	Z 06:02:28.1	64.2	78.3	0.7	7	5.0		
CLZ	e P	Z 06:02:29.0	64.3	78.7	0.9	13	5.2		
STU	e P	Z 06:02:38.0	65.7	76.5	0.7	12	5.2		
TNS	e P	Z 06:02:38.8	65.8	76.6	0.8	9	5.0		
BUG	e P	Z 06:02:41.0	66.3	76.3	0.4	8	5.3		
BFO	e P	Z 06:02:40.5	66.4	75.7	1.4	6	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/25	07:28:59.7	27.625N	55.572E	33.0N	5.6	5.6		SZGRF

Southern Iran

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 07:36:18.9	38.4	108.0	1.1	99	5.5		
BRG	e P	Z 07:36:22.5	39.0	110.6	1.0	130	5.5		
WET	e P	Z 07:36:22.7	39.0	107.5	1.0	78	5.3		
RUE	e P	Z 07:36:29.9	39.6	112.2	1.5	363	5.8		
CLL	i P	+ Z 07:36:30.4	39.7	110.1	1.0	177	5.6		
	e PP	Z 07:38:03.0							
	e PcP	Z 07:38:41.7							
	e ScP	Z 07:42:24.2							
	e S	N 07:42:34.8							
	e SS	N 07:45:37.4							
	e LR	Z 07:49:53.9							

	e L	Z	07:55:22.1			18.0	10262		5.7
FUR	e P	Z	07:36:30.6	39.8	104.8	1.0	207	5.7	
GRA1	e P	Z	07:36:33.5	40.2	106.5	1.1	298	5.8	
	e PP	Z	07:38:14.3						
	e S	N	07:42:42.7						
	e SS	N	07:45:44.1						
	e L	Z	07:56:54.9			18.3	8657		5.6
MOX	e P	Z	07:36:34.1	40.3	107.9	1.4	159	5.5	
STU	e P	Z	07:36:42.4	41.3	103.5	1.1	65	5.3	
UBBA	e P	Z	07:36:43.8	41.3	106.5	1.0	62	5.3	
CLZ	e P	Z	07:36:44.5	41.4	108.0	1.2	427	6.1	
BFO	e P	Z	07:36:47.1	41.7	102.2	1.0	50	5.2	
TNS	e P	Z	07:36:50.4	42.1	104.4	1.6	449	6.0	
BSEG	e P	Z	07:36:50.2	42.1	110.2	1.6	211	5.6	
IBBN	e P	Z	07:36:58.8	43.1	105.9	1.2	188	5.7	
BUG	e P	Z	07:36:59.2	43.1	104.6	1.4	315	5.9	

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/25 08:56:18.2 27.178N 56.452E 33.0N 4.7
 Southern Iran

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML
 GRA1 e P Z 09:03:59.2 41.1 106.1 1.2 18 4.7

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/25 09:53:12.0 28.361N 55.132E 33.0N 4.2
 Southern Iran

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML
 GRA1 e P Z 10:00:39.2 39.4 106.1 1.0 6 4.2

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/25 09:55:18.1 27.816N 55.540E 33.0N 5.2 4.9
 Southern Iran

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML
 GEC2 e P Z 10:02:35.4 38.3 107.8 1.4 47 5.2
 BRG e P Z 10:02:39.7 38.8 110.4 1.3 45 5.2
 WET e P Z 10:02:40.0 38.9 107.3 1.0 24 5.1
 RUE e P Z 10:02:47.1 39.5 112.1 1.2 68 5.4
 CLL e P Z 10:02:46.0 39.5 109.9 1.4 100 5.3
 e PP Z 10:04:22.1
 e S N 10:08:53.7

	e LR	Z	10:15:44.8								
	e L	Z	10:20:04.6			22.0	1919		4.9		
FUR	e P	Z	10:02:47.1	39.6	104.6	1.1	94		5.5		
GRA1	e P	Z	10:02:50.7	40.1	106.3	0.9	76		5.5		
	e S	E	10:09:01.4								
	e L	Z	10:23:52.4			18.7	1543		4.9		
MOX	e P	Z	10:02:51.0	40.1	107.8	1.4	29		4.8		
STU	e P	Z	10:02:58.7	41.1	103.3	0.6	14		4.8		
CLZ	e P	Z	10:03:00.7	41.2	107.9	1.4	118		5.4		
BFO	e P	Z	10:03:03.4	41.6	102.1	0.9	20		4.8		
BSEG	e P	Z	10:03:07.9	41.9	110.0	1.4	61		5.1		
TNS	e P	Z	10:03:06.3	41.9	104.2	1.5	104		5.3		
IBBN	e P	Z	10:03:15.0	42.9	105.8	1.5	92		5.2		
BUG	e P	Z	10:03:14.9	43.0	104.4	1.4	111		5.3		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/25	10:00:31.8	27.306N	56.828E	33.0N	5.3			SZGRF
Southern Iran								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 10:08:14.0	41.2	105.6	1.1	62	5.3		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/25	10:09:53.0	21.040S	174.800W	33.0N				SZGRF
Tonga Islands								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 10:29:31.6	146.9	8.8					
RUE	e PKPbc	Z 10:29:34.1	147.9	15.2					
CLZ	e PKPbc	Z 10:29:37.5	148.9	9.4					
CLL	i PKPbc	- Z 10:29:37.3	149.1	14.3	1.0	16			
	e PKPab	Z 10:29:40.2			0.8	10			
BRG	e PKPbc	Z 10:29:38.6	149.4	16.2					
MOX	e PKPbc	Z 10:29:40.0	150.0	12.0					
TNS	e PKPbc	Z 10:29:42.0	150.7	6.2					
GRA1	e PKPbc	Z 10:29:42.5	151.0	11.6					
WET	e PKPbc	Z 10:29:42.3	151.2	15.0					
GEC2	e PKPbc	Z 10:29:43.6	151.4	16.7					
FUR	e PKPbc	Z 10:29:46.2	152.4	12.3					
BFO	e PKPbc	Z 10:29:46.3	152.6	6.4					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/25	10:22:53.7	28.001N	56.414E	33.0N	4.8			SZGRF

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Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 11:57:29.3							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/25	12:13:50.6	28.224N	55.544E	25.6	4.6			SZGRF

Southern Iran

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 12:21:20.8	39.8	105.8	1.0	16	4.6		
	e pP	Z 12:21:27.6			1.0	16			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/25	13:14:14.4	26.603N	58.126E	33.0N	4.3			SZGRF

Southern Iran

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 13:22:07.3	42.6	105.1	1.1	7	4.3		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/25	14:58:37.8	28.061N	55.572E	12.5	4.3			SZGRF

Southern Iran

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 15:06:09.0	39.9	106.0	1.1	9	4.3		
	e pP	Z 15:06:12.4							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/25	15:29:10.9	25.719N	58.973E	33.0N	4.3			SZGRF

Southern Iran

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 15:37:13.2	43.7	105.2	1.3	8	4.3		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/25								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z 15:40:13.0							
	e Sn	N 15:41:19.3							

WET e Pn Z 15:40:17.3
e Sn E 15:41:30.9

Date Origin Time Lat Long Depth mb Ms ML Source
2006/03/25

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML
GRA1 e PKP Z 17:02:53.0

Date Origin Time Lat Long Depth mb Ms ML Source
2006/03/25 20:13:24.5 22.860N 94.300E 33.0N 5.3 4.6 SZGRF
Myanmar

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e P	Z 20:24:11.4	66.4	82.7	0.8	34	5.6		
BRG	e P	Z 20:24:11.5	66.5	82.1	0.9	16	5.3		
GEC2	e P	Z 20:24:14.4	66.9	81.1	1.0	21	5.3		
CLL	e P	Z 20:24:14.6	67.0	81.6	1.1	21	5.3		
WET	e P	Z 20:24:17.1	67.4	80.6	1.4	23	5.2		
MOX	e P	Z 20:24:20.6	68.0	80.3	1.0	15	5.2		
BSEG	e P	Z 20:24:22.5	68.2	80.7	0.9	36	5.6		
GRA1	e P	Z 20:24:24.5	68.4	79.7	1.2	37	5.5		
	e L	Z 21:03:58.6			18.5	311		4.6	
CLZ	e P	Z 20:24:24.7	68.5	79.9	1.4	47	5.5		
FUR	e P	Z 20:24:25.3	68.6	79.1	1.3	31	5.4		
UBBA	e P	Z 20:24:27.0	69.0	79.2	1.3	10	4.9		
STU	e P	Z 20:24:33.2	69.9	77.9	1.1	27	5.3		
IBBN	e P	Z 20:24:33.7	70.0	78.1	1.0	18	5.2		
TNS	e P	Z 20:24:33.9	70.1	77.9	1.0	29	5.3		
BUG	e P	Z 20:24:36.7	70.5	77.5	1.0	24	5.3		
BFO	e P	Z 20:24:36.8	70.5	77.1	1.0	7	4.7		

Date Origin Time Lat Long Depth mb Ms ML Source
2006/03/25 20:14: 5.0 40.886N 127.075W 33.0N 5.1 SZGRF
Off coast of northern California, United States

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML
GRA1 e P Z 20:26:23.7 82.3 329.5 1.0 14 5.1

Date Origin Time Lat Long Depth mb Ms ML Source
2006/03/26 09:38: 7.3 28.789N 55.875E 33.0N 4.7 SZGRF

Southern Iran

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 09:45:35.9	39.6	104.9	0.9	20	4.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/26	19:20:47.8	34.817N	105.123E	33.0N	5.2			SZGRF

Gansu, China

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 19:31:34.4	66.5	63.3	1.1	18	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/27	00:04:47.0	16.139S	175.558W	33.0N				SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e PKPbc	Z 00:24:15.7	144.0	9.7					
CLL	e PKPbc	Z 00:24:15.5	144.2	14.1					
MOX	e PKPbc	Z 00:24:19.5	145.0	12.1					
WERD	e PKPbc	Z 00:24:20.5	145.1	13.3					
MANZ	e PKPbc	Z 00:24:21.9	145.6	13.1					
TNS	e PKPbc	Z 00:24:22.6	145.8	6.8					
ROTZ	e PKPbc	Z 00:24:21.9	145.8	13.3					
GRA1	e PKPbc	Z 00:24:22.8	146.0	11.7					
WET	e PKPbc	Z 00:24:25.1	146.3	14.7					
WLF	e PKPbc	Z 00:24:25.1	146.4	3.0					
FUR	e PKPbc	Z 00:24:26.9	147.5	12.3					
BFO	e PKPbc	Z 00:24:27.3	147.7	7.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/27	01:10:31.0	7.348N	35.510W	33.0N	4.9	4.6		SZGRF

Central Mid-Atlantic Ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z 01:19:48.6	54.8	233.8	1.3	15	4.9		
BFO	e P	Z 01:19:59.0	55.2	236.8	1.7	42	5.2		
TNS	e P	Z 01:20:10.7	56.3	235.9	1.1	10	4.7		
BUG	e P	Z 01:20:09.5	56.4	234.0	0.9	11	4.9		
FUR	e P	Z 01:20:12.0	56.8	239.8	1.1	27	5.2		
GRA1	e P	Z 01:20:17.3	57.5	238.9	1.5	56	5.4		
	e L	Z 01:39:38.9			21.8	536		4.6	
ROTZ	e P	Z 01:20:21.4	58.1	239.8	1.0	7	4.7		

MANZ	e P	Z	01:20:23.0	58.1	239.6	1.2	9	4.7		
WET	e P	Z	01:20:23.4	58.2	240.8	1.2	10	4.7		
CLZ	e P	Z	01:20:21.7	58.2	236.9	1.5	12	4.7		
MOX	e P	Z	01:20:22.2	58.2	238.8	1.3	13	4.8		
WERD	e P	Z	01:20:25.6	58.5	239.5	1.0	9	4.8		
CLL	e P	Z	01:20:30.9	59.3	239.8	0.9	3	4.4		
	e S	E	01:28:38.6							
	e (SSS)	N	01:35:03.7							
	e LR	Z	01:37:48.7							
	e L	Z	01:42:10.0			20.0	696		4.8	
BSEG	e P	Z	01:20:29.5	59.3	235.8	1.1	38	5.3		
BRG	e P	Z	01:20:30.8	59.6	240.9	1.5	18	4.9		
RUE	e P	Z	01:20:37.5	60.3	239.9	0.6	27	5.4		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/27	02:50:27.9	33.230N	133.200E	48.3	5.2	5.8		SZGRF
Shikoku, Japan								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 03:02:33.1	79.9	45.5	1.1	16	4.9		
	e pP	Z 03:02:47.1							
BRG	e P	Z 03:02:35.4	80.4	47.7					
CLL	e P	Z 03:02:34.8	80.5	47.1	1.2	21	5.0		
	e pP	Z 03:02:49.9							
	e PP	Z 03:05:42.8							
	e S	E 03:12:44.2							
	e (SS)	E 03:17:51.4							
	e LR	Z 03:29:39.0							
	e L	Z 03:40:53.5			22.0	2869		5.6	
CLZ	e P	Z 03:02:41.0	81.3	45.3	1.0	15	5.1		
WERD	e pP	Z 03:02:56.3	81.4	46.5					
MANZ	e pP	Z 03:02:57.4	81.8	46.4					
ROTZ	e pP	Z 03:02:58.4	81.9	46.4					
GRA1	e P	Z 03:02:47.1	82.5	45.7	1.4	35	5.4		
	e pP	Z 03:03:00.9							
	e L	Z 03:42:58.4			19.8	3813		5.8	
BUG	e P	Z 03:02:49.0	83.0	43.0	1.2	16	5.1		
TNS	e P	Z 03:02:51.2	83.3	43.8					
FUR	e P	Z 03:02:52.1	83.5	45.6	2.2	152	5.8		
STU	e P	Z 03:02:54.6	84.0	44.2	1.2	22	5.3		
	e pP	Z 03:03:08.8							
WLF	e pP	Z 03:03:12.7	84.7	42.1					
BFO	e P	Z 03:02:58.2	84.8	43.6	1.5	29	5.3		
	e pP	Z 03:03:12.3							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/27	08:04:49.8	44.642N	11.043E	10.0G			4.0	SZGRF

Northern Italy

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WTTA	e Pn	Z	08:05:33.9	2.7	189.2					3.8
	e Sn	E	08:06:04.1							
DAVA	e Pn	Z	08:05:36.1	2.8	162.6					4.2
KBA	e Pn	Z	08:05:36.7	2.9	214.2					3.7
	e Sn	N	08:06:13.1							
OBKA	e Pn	Z	08:05:36.6	3.1	234.0					3.8
	e Sn	N	08:06:14.4							
MOA	e Pn	Z	08:05:49.8	3.9	216.0					3.9
	e Sn	N	08:06:36.2							
ARSA	e Sn	N	08:06:37.6	4.1	231.7					3.5
BFO	e Pn	Z	08:05:52.3	4.1	152.1					4.2
	e Sn	E	08:06:38.4							
STU	e Sn	E	08:06:43.5	4.3	162.2					4.3
GRA1	e Sn	E	08:07:02.7	5.1	181.4					4.0
TNS	e Pn	Z	08:06:16.5	5.8	161.6					4.1
	e Sn	N	08:07:19.6							
WLF	e Sn	E	08:07:26.4	6.0	144.7					4.2

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/27	20:07:27.8	18.690S	178.120W	648.7				SZGRF

Fiji Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	20:26:57.7	144.2	13.7					
	e SKPbc	Z	20:29:49.1							
IBBN	e PKPbc	Z	20:27:04.5	146.1	10.0					
	e SKPbc	Z	20:29:54.0							
CLZ	e PKPbc	Z	20:27:04.9	146.2	14.6					
	e SKPbc	Z	20:29:54.2							
CLL	e PKPbc	Z	20:27:04.5	146.2	19.2					
	e SKPbc	Z	20:29:53.9							
BRG	e PKPbc	Z	20:27:05.4	146.4	21.0					
	e SKPbc	Z	20:29:54.3							
BUG	e PKPbc	Z	20:27:06.4	147.0	9.4					
MOX	e PKPbc	Z	20:27:07.4	147.1	17.2					
TANN	e PKPbc	Z	20:27:07.5	147.2	18.7					
ROTZ	e PKPbc	Z	20:27:09.6	147.8	18.6					
	e PKPab	Z	20:27:12.2							
TNS	e PKPbc	Z	20:27:10.1	148.0	11.8					
	e PKPab	Z	20:27:12.7							
GRA1	e PKPbc	Z	20:27:10.3	148.1	16.9					

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	e PKPab	Z	20:27:13.3								
WET	e PKPbc	Z	20:27:10.5	148.3	20.1						
	e PKPab	Z	20:27:13.9								
WLF	e PKPdf	Z	20:27:08.9	148.8	7.8						
	e PKPbc	Z	20:27:12.6								
	e PKPab	Z	20:27:16.4								
STU	e PKPdf	Z	20:27:09.3	149.3	13.7						
	e PKPbc	Z	20:27:13.3								
	e PKPab	Z	20:27:17.9								
FUR	e PKPbc	Z	20:27:13.8	149.6	17.8						
	e PKPab	Z	20:27:19.1								
BFO	e PKPbc	Z	20:27:14.6	149.9	12.2						
	e PKPab	Z	20:27:19.8								

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/27	23:43:40.7	12.120N	121.351E	39	5.5			NEIC

Mindoro, Philippines

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e P	Z	23:56:42.9	91.8	68.2					
	e		23:57:03.9							
	e PP	Z	00:00:23.8							
	e (S)	N	00:07:44.8							
	e (PS)	E	00:09:17.7							
	e LR	Z	00:32:05.0							
	e L	Z	00:40:23.2			20.0	2085		5.6	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/28	08:35:43.7	3.845N	97.571E	33.0N	4.9			SZGRF

Northern Sumatera, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	08:48:14.7	84.7	90.3	0.9	6	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/28	12:23:48.4	35.370N	26.850E	137*	4.2			NEIC

Crete, Greece

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	12:27:35.5	16.1	137.6	0.9	13	4.1		
WET	e P	Z	12:27:40.9	16.7	136.4	0.9	9	3.9		
ROTZ	e P	Z	12:27:50.9	17.4	136.2	0.9	8	3.8		
MANZ	e P	Z	12:27:52.3	17.6	136.5	0.8	7	3.8		

GRA1	e P	Z	12:27:54.8	17.8	133.9				
MOX	e P	Z	12:28:01.2	18.3	136.8	1.0	7	3.7	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/28	13:32:50.4	31.762N	138.084E	423.3	5.5			SZGRF

Southeast of Honshu, Japan

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e P	Z	13:44:22.7	81.5	44.9	0.8	79	5.9		
RUE	e P	Z	13:44:28.6	82.8	45.1	0.8	61	5.9		
BSEG	e P	Z	13:44:30.5	83.2	42.6	1.1	64	5.8		
	e PP	Z	13:47:49.4							
BRG	e P	Z	13:44:33.7	83.8	45.1	0.9	32	5.5		
CLL	e P	Z	13:44:33.9	84.0	44.4	1.2	70	5.8		
	e pP	Z	13:46:09.9							
	e PP	Z	13:47:52.4							
	e S	E	13:54:21.4							
	e sS	E	13:57:10.7							
	e SS	E	14:00:06.0							
	e SSSS	E	14:06:42.0							
	e L	Z	14:26:43.2			20.0	748		5.1	
CLZ	e P	Z	13:44:38.1	84.7	42.5	1.5	66	5.7		
WERD	e P	Z	13:44:38.8	84.9	43.8	1.0	29	5.4		
	e PP	Z	13:48:02.9							
MOX	e P	Z	13:44:39.5	85.0	43.3	1.4	46	5.5		
	e PP	Z	13:48:03.6							
MANZ	e P	Z	13:44:41.1	85.3	43.7					
	e pP	Z	13:46:17.6							
GEC2	e P	Z	13:44:41.0	85.4	44.7	0.9	15	5.1		
IBBN	e P	Z	13:44:41.1	85.4	40.6	0.9	30	5.4		
ROTZ	e P	Z	13:44:41.9	85.4	43.7	1.6	70	5.5		
WET	e P	Z	13:44:42.2	85.6	44.2	1.1	18	5.1		
	e pP	Z	13:46:18.6							
UBBA	e P	Z	13:44:44.3	85.6	42.2	1.5	27	5.2		
	e PP	Z	13:48:08.3							
GRA1	e P	Z	13:44:44.2	85.9	43.0	2.0	147	5.8		
	e		13:45:10.0							
	e pP	Z	13:46:20.6							
	e PP	Z	13:48:12.6							
	e S	T	13:54:41.9							
	e SS	T	14:00:30.2							
BUG	e P	Z	13:44:44.9	86.3	40.2	0.7	20	5.3		
	e PP	Z	13:48:14.3							
TNS	e P	Z	13:44:48.1	86.7	41.0	1.8	62	5.4		
	e PP	Z	13:48:17.6							
FUR	e P	Z	13:44:49.0	87.0	43.0	0.8	79	5.9		
STU	e P	Z	13:44:51.0	87.5	41.5					

	e PP	Z	13:48:23.1								
WLF	e P	Z	13:44:54.4	88.1	39.3	1.3		38	5.6		
BFO	e P	Z	13:44:54.2	88.2	40.8	0.9		21	5.5		
	e PP	Z	13:48:27.4								

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/28	16:23:24.5	53.547N	164.755W	33.0N	5.0			SZGRF

Unimak Island, Alaska, United States, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 16:35:12.7	76.7	357.5	1.6	18	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/28	19:36:25.0	14.361N	95.025W	33.0N	4.8			SZGRF

Off coast of Oaxaca, Mexico

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 19:49:17.9	89.2	291.5	1.0	6	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/29	02:20:39.1	30.907N	142.224E	33.0N	5.1			SZGRF

Southeast of Honshu, Japan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e P	Z 02:33:06.1	83.9	42.2					
BSEG	e P	Z 02:33:14.1	85.5	39.8	0.9	27	5.4		
BRG	e P	Z 02:33:16.3	86.4	42.4	1.0	7	4.7		
CLL	e P	Z 02:33:18.0	86.5	41.8	0.8	8	4.9		
CLZ	e P	Z 02:33:21.2	87.1	39.8	1.1	28	5.3		
MOX	e P	Z 02:33:23.7	87.5	40.7	0.9	6	4.9		
MANZ	e P	Z 02:33:24.7	87.8	41.0	1.1	5	4.8		
ROTZ	e P	Z 02:33:25.3	87.9	41.1	1.0	7	4.9		
GEC2	e P	Z 02:33:24.2	88.0	42.2	0.9	5	4.9		
GRA1	e P	Z 02:33:28.2	88.4	40.4	1.2	13	5.0		
TNS	e P	Z 02:33:31.2	89.1	38.3	0.9	7	4.9		
FUR	e P	Z 02:33:33.6	89.6	40.4	1.2	23	5.3		
STU	e P	Z 02:33:34.9	90.0	38.8	0.8	17	5.4		
WLF	e P	Z 02:33:38.3	90.5	36.5	1.6	37	5.5		
BFO	e P	Z 02:33:37.8	90.7	38.2	0.9	14	5.3		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
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2006/03/29 05:42:21.9
South of Fiji Islands

22.006S 177.437W 33.0N

SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	06:02:02.6	147.5	13.5					
RUE	e PKPbc	Z	06:02:05.1	148.3	20.1					
IBBN	e PKPbc	Z	06:02:08.1	149.4	9.5					
CLZ	e PKPbc	Z	06:02:08.1	149.6	14.4					
CLL	e PKPbc	Z	06:02:08.1	149.6	19.4					
BRG	e PKPbc	Z	06:02:08.6	149.8	21.3					
BUG	e PKPbc	Z	06:02:10.4	150.3	8.8					
MOX	e PKPbc	Z	06:02:10.0	150.5	17.2					
UBBA	e PKPbc	Z	06:02:10.5	150.6	14.2					
MANZ	e PKPbc	Z	06:02:11.6	151.0	18.5					
ROTZ	e PKPbc	Z	06:02:11.8	151.2	18.8					
TNS	e PKPbc	Z	06:02:12.0	151.4	11.5					
GRA1	e PKPbc	Z	06:02:12.6	151.5	17.0					
WET	e PKPbc	Z	06:02:13.4	151.7	20.5					
GEC2	e PKPbc	Z	06:02:13.0	151.7	22.2					

Date Origin Time
2006/03/29 06:38:21.3
Tonga Islands region

Lat Long Depth
22.800S 175.100W 33.0N

mb Ms ML Source
GSRC

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPdf	Z	06:58:06.5	150.9	15.5					
	e PKPbc	Z	06:58:11.7							
	e PKPab	Z	06:58:17.4							
	e pPKPbc	Z	06:58:27.2							
	e sPKPbc	Z	06:58:31.2							
GRA1	e PKP	Z	06:58:18.0	152.7	12.8					

Date Origin Time
2006/03/29 10:20:40.5
Rat Islands, Aleutian Islands, United States

Lat Long Depth
51.415N 179.233E 33.0N

mb Ms ML Source
5.2 SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	10:32:14.7	74.2	7.2	0.9	45	5.5		
RUE	e P	Z	10:32:21.1	75.4	9.3	0.8	32	5.5		
CLZ	e P	Z	10:32:26.7	76.3	7.1	0.9	37	5.5		
CLL	e P	Z	10:32:27.6	76.6	8.8	0.9	16	5.1		
BUG	e P	Z	10:32:28.9	76.9	5.1	0.9	20	5.3		
BRG	e P	Z	10:32:29.5	77.0	9.4	1.0	18	5.1		
MOX	e P	Z	10:32:32.0	77.4	7.9	0.9	18	5.2		
MANZ	e P	Z	10:32:35.7	78.0	8.2	0.9	12	5.0		

TNS	e P	Z	10:32:35.8	78.1	5.9	0.8	23	5.4
ROTZ	e P	Z	10:32:36.6	78.2	8.2	0.9	11	4.9
GRA1	e P	Z	10:32:38.1	78.4	7.6	0.9	48	5.5
WLF	e P	Z	10:32:39.9	78.7	4.4	1.1	34	5.3
WET	e P	Z	10:32:39.8	78.8	8.6	0.9	10	4.8
GEC2	e P	Z	10:32:40.8	79.0	9.1	0.7	11	5.0
STU	e P	Z	10:32:43.6	79.5	6.3			
BFO	e P	Z	10:32:45.8	80.0	5.7	1.1	12	4.8

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/29	10:28:38.2	37.806N	141.618E	33.0N	4.6			SZGRF

Near east coast of eastern Honshu, Japan

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	10:40:56.2	82.2	37.4	1.0	5	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/29	10:24: 8.4	22.780S	175.323W	25.0G				NEIC

Tonga Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e PKPab	Z	10:43:59.0	150.6	10.7					
CLL	i PKPbc	+ Z	10:43:59.1	150.8	15.9	1.0	22			
	e PKPab	Z	10:44:05.9			0.8	10			
	e		10:44:12.7							
BRG	e PKPab	Z	10:43:59.9	151.0	17.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/29	10:43:27.0	49.314S	137.710E	33.0N				SZGRF

Western Indian-Antarctic Ridge

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e PKPbc	Z	11:02:57.8	144.2	112.6					
BRG	e PKPbc	Z	11:02:59.8	144.8	110.0					
FUR	e PKPbc	Z	11:03:01.2	145.4	112.5					
ROTZ	e PKPbc	Z	11:03:01.9	145.4	110.7					
CLL	e PKPpre	Z	11:03:03.1	145.5	109.0					
	e PKPdf	Z	11:03:06.6							
MANZ	e PKPbc	Z	11:03:02.4	145.6	110.4					
GRA1	e PKPbc	Z	11:03:02.9	146.0	110.4					
MOX	e PKPbc	Z	11:03:03.2	146.1	109.2					
UBBA	e PKPbc	Z	11:03:06.6	147.1	108.2					
CLZ	e PKPbc	Z	11:03:07.3	147.2	106.9					

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BFO	e	PKPbc	Z	11:03:07.7	147.3	111.2
BSEG	e	PKPbc	Z	11:03:09.7	147.8	103.7
TNS	e	PKPbc	Z	11:03:09.3	147.9	108.4

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/29	15:58:22.9	23.000S	175.300W	33.0N				GSRC

Tonga Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e PKPpdf	Z 16:18:11.8	149.7	16.7					
IBBN	e PKPpdf	Z 16:18:13.3	150.6	5.7					
CLZ	e PKPpdf	Z 16:18:13.0	150.8	10.8					
CLL	e PKPpdf	Z 16:18:08.9	151.0	15.9					
	i PKPbc	Z 16:18:13.2			1.0	41			
	e PKPab	Z 16:18:20.8							
	e sPKPbc	Z 16:18:24.1							
	e L	Z 17:22:24.4			22.0	186		4.8	
BRG	e PKPpdf	Z 16:18:13.2	151.2	17.9					
MOX	e PKPpdf	Z 16:18:13.8	151.8	13.6					
UBBA	e PKPpdf	Z 16:18:14.9	151.9	10.4					
MANZ	e PKPpdf	Z 16:18:12.5	152.4	14.8					
GRA1	e PKPpdf	Z 16:18:12.2	152.8	13.2					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/29	17:48:7.2	26.380S	178.440E	33.0N				SZGRF

South of Fiji Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 18:07:56.7	151.1	22.4					
RUE	e PKPbc	Z 18:07:58.1	151.5	29.8					
CLL	i PKPbc	- Z 18:08:00.9	152.7	29.4	0.8	34			
	i PKPab	Z 18:08:10.1			0.6	9			
	e pPKPbc	Z 18:10:12.8							
BRG	e PKPbc	Z 18:08:01.4	152.8	31.6					
CLZ	e PKPbc	Z 18:08:01.6	153.0	24.1					
IBBN	e PKPbc	Z 18:08:02.0	153.1	18.7					
MOX	e PKPbc	Z 18:08:02.9	153.7	27.5					
UBBA	e PKPbc	Z 18:08:03.6	154.0	24.2					
MANZ	e PKPbc	Z 18:08:04.5	154.2	29.1					
ROTZ	e PKPbc	Z 18:08:04.3	154.3	29.5					
GEC2	e PKPbc	Z 18:08:04.7	154.6	33.3					
GRA1	e PKPbc	Z 18:08:05.6	154.7	27.6					
TNS	e PKPbc	Z 18:08:05.9	155.0	21.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/29	22:05:17.2	35.134N	34.642E	33.0G	4.7	4.3		SZGRF

Cyprus region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	22:09:56.5	20.6	123.9	1.7	72	4.7		
WET	e P	Z	22:10:02.7	21.2	123.1	1.2	27	4.4		
FUR	e P	Z	22:10:08.5	21.6	118.4	1.1	34	4.7		
BRG	e P	Z	22:10:07.5	21.7	128.5	1.5	33	4.6		
ROTZ	e P	Z	22:10:09.6	21.9	123.3	1.7	69	4.8		
MANZ	e P	Z	22:10:11.5	22.1	123.6	1.5	40	4.6		
CLL	e P	Z	22:10:13.2	22.4	127.8					
GRA1	e P	Z	22:10:13.7	22.4	121.6	1.3	32	4.6		
	e S	N	22:14:21.2							
	e L	Z	22:21:12.3			18.1	938		4.3	
MOX	e P	Z	22:10:18.7	22.7	124.2	1.2	19	4.5		
RUE	e P	Z	22:10:16.9	22.8	131.3					
BFO	e P	Z	22:10:26.1	23.5	114.5	1.5	104	5.1		
UBBA	e P	Z	22:10:28.1	23.7	121.9	1.5	53	4.8		
CLZ	e P	Z	22:10:31.0	24.1	124.5	1.1	34	4.8		
TNS	e P	Z	22:10:34.9	24.2	118.5	1.4	40	4.8		
WLF	e P	Z	22:10:44.0	25.3	114.2	1.3	35	4.9		
BSEG	e P	Z	22:10:44.3	25.3	128.0	1.6	42	4.9		
BUG	e P	Z	22:10:48.3	25.5	119.1	0.8	9	4.4		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/29	22:40:41.1	5.700S	151.300E	33.0N				GSRC

New Britain, Papua New Guinea, region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPdf	Z	22:59:35.3	122.4	47.9					
BRG	e PKPdf	Z	22:59:35.2	122.6	53.2					
CLL	e PKPdf	Z	22:59:35.7	122.8	52.0					
CLZ	e PKPdf	Z	22:59:37.6	123.7	49.0					
MOX	e PKPdf	Z	22:59:38.3	123.9	50.9					
MANZ	e PKPdf	Z	22:59:38.7	124.1	51.7					
WET	e PKPdf	Z	22:59:38.6	124.2	53.0					
GRA1	e PKPdf	Z	22:59:39.3	124.7	51.0					
FUR	e PKPdf	Z	22:59:41.7	125.6	51.9					
TNS	e PKPdf	Z	22:59:41.4	125.7	47.7					
STU	e PKPdf	Z	22:59:42.8	126.3	49.3					
BFO	e PKPdf	Z	22:59:43.4	127.0	48.7					
WLF	e PKPdf	Z	22:59:45.5	127.2	45.5					

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Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/29	23:39:2.3	36.016N	95.591E	33.0N	5.1	4.9		SZGRF

Qinghai, China

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e P	Z 23:48:50.1	57.6	71.6					
BRG	e P	Z 23:48:51.6	58.0	70.7	1.4	20	5.0		
CLL	e P	Z 23:48:54.5	58.4	70.4	1.2	23	5.1		
BSEG	e P	Z 23:48:58.8	59.0	70.1	1.0	24	5.2		
WET	e P	Z 23:49:00.4	59.2	69.1	1.2	13	4.8		
ROTZ	e P	Z 23:49:00.7	59.4	69.0	1.3	30	5.1		
MOX	e P	Z 23:49:01.7	59.4	69.1	1.3	23	5.0		
GRA1	e P	Z 23:49:06.1	60.0	68.3	1.2	32	5.2		
FUR	e P	Z 23:49:09.7	60.6	67.6	1.0	29	5.1		
IBBN	e P	Z 23:49:14.9	61.1	67.5					
STU	e P	Z 23:49:18.0	61.6	66.6	0.9	22	5.4		
BUG	e P	Z 23:49:18.5	61.7	66.7					
BFO	e P	Z 23:49:20.8	62.3	65.9	1.3	15	5.1		
WLF	e P	Z 23:49:27.6	63.0	65.2	1.1	25	5.3		
GRA1	e L	Z 00:16:27.3	60.0	68.3	19.5	923		4.9	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/30	03:14:26.9	3.379S	15.944W	27.8	5.1	4.4		SZGRF

North of Ascension Island

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e P	Z 03:24:02.5	55.9	209.7	1.9	67	5.4		
WLF	e P	Z 03:24:05.0	56.4	206.8	1.5	31	5.1		
TNS	e P	Z 03:24:12.0	57.6	209.2	1.4	18	4.9		
GRA1	e P	Z 03:24:18.3	58.0	212.5	1.3	18	4.9		
	e pP	Z 03:24:26.0			1.9	47			
	e PP	Z 03:26:27.3							
	e L	Z 03:46:23.4			21.1	344		4.4	
WET	e P	Z 03:24:21.8	58.2	214.5	1.5	32	5.1		
GEC2	e P	Z 03:24:20.2	58.2	215.5	1.7	59	5.3		
ROTZ	e P	Z 03:24:21.2	58.4	213.6	2.1	66	5.3		
MANZ	e P	Z 03:24:22.5	58.6	213.4	1.8	52	5.3		
MOX	e P	Z 03:24:24.9	59.0	212.6	1.6	31	5.1		
WERD	e P	Z 03:24:26.6	59.0	213.4	1.5	21	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/30	07:29:11.7	28.810N	53.119E	33.0N	4.2			SZGRF

Southern Iran

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
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GRA1	e P	Z	07:36:25.8	37.9	107.6	1.2	6	4.2			
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Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/30	12:19:43.6	20.500S	174.100W	33.0N				GSRC
Tonga Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z	12:39:34.3	150.5	10.2					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/30	16:16:54.5	32.040N	49.363E	33.0N	4.4	3.6		SZGRF
Western Iran								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	16:23:29.4	33.3	107.5	1.0	5	4.4		
	e L	Z	16:40:13.2			20.3	124		3.6	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/30	19:36:24.6	33.691N	48.746E	68.0G	5.1			NEIC
Western Iran								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	19:42:26.8	30.0	107.2	1.6	25	4.8		
BRG	e P	Z	19:42:31.2	30.5	110.8	1.4	12	4.7		
WET	e P	Z	19:42:31.9	30.6	106.8	1.4	26	5.0		
ROTZ	e P	Z	19:42:37.8	31.2	107.1	1.5	39	5.1		
RUE	e P	Z	19:42:38.0	31.2	113.1	0.8	17	5.1		
CLL	e P	Z	19:42:37.8	31.2	110.4	0.9	15	4.9		
	e PP	Z	19:43:55.8							
	e SS	E	19:50:03.2							
	e L	Z	19:56:55.5			20.0	1072		4.5	
FUR	e P	Z	19:42:38.9	31.4	103.6	1.0	50	5.4		
GRA1	e P	Z	19:42:42.8	31.8	105.9	1.0	32	5.2		
RGN	e P	Z	19:42:49.5	32.3	115.6	1.0	157	5.9		
CLZ	e P	Z	19:42:52.9	32.9	108.2	1.1	30	5.1		
TNS	e P	Z	19:43:00.0	33.7	103.9	1.5	62	5.3		
IBBN	e P	Z	19:43:09.1	34.6	106.1	1.1	28	5.1		
BUG	e P	Z	19:43:09.4	34.7	104.4	1.1	18	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/31	01:17: 2.7	33.260N	48.660E	33.0G	5.6	5.7		SZGRF

Western Iran

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 01:23:11.4	30.2	107.9	1.1	56	5.3		
BRG	e P	Z 01:23:15.5	30.8	111.4	1.0	48	5.4		
WET	e P	Z 01:23:16.0	30.8	107.5	0.9	72	5.6		
CLL	e P	Z 01:23:22.7	31.5	111.0	0.8	60	5.6		
	e PP	Z 01:24:34.5							
	e PcP	Z 01:26:14.4							
	e S	N 01:28:32.4							
	e ScP	Z 01:29:58.8							
	e SS	N 01:30:51.8							
	e L	Z 01:37:40.6			20.0	39453		6.1	
RUE	e P	Z 01:23:21.8	31.5	113.7	0.9	112	5.8		
MANZ	e P	Z 01:23:23.1	31.6	108.0	1.4	71	5.4		
FUR	e P	Z 01:23:22.9	31.6	104.3	1.0	380	6.3		
WERD	e P	Z 01:23:23.3	31.6	108.9					
GRA1	e P	Z 01:23:27.2	32.0	106.6	1.4	184	5.8		
	e ScP	Z 01:30:00.4							
	e L	Z 01:41:00.6			20.4	17918		5.7	
MOX	e P	Z 01:23:27.1	32.1	108.5	1.1	30	5.1		
STU	e P	Z 01:23:36.8	33.1	103.1	1.0	30	5.2		
UBBA	e P	Z 01:23:36.4	33.1	107.0	1.0	30	5.2		
CLZ	e P	Z 01:23:37.5	33.2	108.9	1.3	200	5.9		
BFO	e P	Z 01:23:40.6	33.5	101.6	1.0	28	5.1		
TNS	e P	Z 01:23:43.6	33.9	104.5	1.3	187	5.9		
BSEG	e P	Z 01:23:44.2	34.0	111.8	1.4	198	5.8		
IBBN	e P	Z 01:23:52.7	34.9	106.7	1.4	271	6.0		
BUG	e P	Z 01:23:52.9	34.9	105.1	1.5	230	5.9		
WLF	e P	Z 01:23:54.2	35.2	101.5	0.9	110	5.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/31	01:31:31.8	33.929N	47.825E	33.0N	4.5			SZGRF

Western Iran

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 01:37:47.2	31.1	106.5	1.1	7	4.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/31	07:25: 2.9	23.360S	177.550W	299.6				SZGRF

South of Fiji Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 07:44:18.2	148.9	14.1					
RUE	e PKPbc	Z 07:44:19.9	149.6	20.9					

IBBN	e	PKPbc	Z	07:44:23.1	150.8	10.0		
CLZ	e	PKPdf	Z	07:44:18.5	150.9	15.1		
	e	PKPbc	Z	07:44:23.5				
	e	pPKPbc	Z	07:45:38.3				
CLL	e	PKPdf	Z	07:44:18.1	150.9	20.2		
	i	PKPbc	- Z	07:44:23.3			0.9	74
	e	PKPab	Z	07:44:29.0				
	e	pPKPbc	Z	07:45:37.9				
	e	PP	Z	07:47:59.0				
BRG	e	PKPdf	Z	07:44:18.7	151.1	22.2		
	e	PKPbc	Z	07:44:23.9				
	e	pPKPbc	Z	07:45:38.6				
BUG	e	PKPbc	Z	07:44:24.9	151.7	9.4		
MOX	e	PKPdf	Z	07:44:19.5	151.8	18.0		
	e	PKPbc	Z	07:44:25.5				
	e	pPKPbc	Z	07:45:40.1				
WERD	e	PKPbc	Z	07:44:25.8	151.8	19.5		
UBBA	e	PKPdf	Z	07:44:20.0	151.9	14.9		
	e	PKPbc	Z	07:44:25.4				
MANZ	e	PKPdf	Z	07:44:20.6	152.3	19.4		
	e	PKPbc	Z	07:44:27.0				
TNS	e	PKPdf	Z	07:44:21.0	152.7	12.1		
	e	PKPbc	Z	07:44:27.8				
GRA1	e	PKPbc	Z	07:44:27.7	152.8	17.8		
WET	e	PKPbc	Z	07:44:28.1	152.9	21.4		
GEC2	e	PKPdf	Z	07:44:21.4	153.0	23.2		
	e	PKPbc	Z	07:44:28.2				
WLF	e	PKPbc	Z	07:44:29.8	153.5	7.6		
STU	e	PKPbc	Z	07:44:30.5	154.0	14.3		
FUR	e	PKPbc	Z	07:44:30.8	154.2	18.9		
BFO	e	PKPbc	Z	07:44:31.5	154.6	12.7		

Date 2006/03/31 11:54:14.0
 Origin Time 11:54:14.0
 Lat 33.703N
 Long 47.049E
 Depth 33.0N
 mb 4.6
 Ms
 ML
 Source SZGRF
 Western Iran

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 12:00:26.6	30.7	107.7	0.9	8	4.6		

Date 2006/03/31 12:23:22.2
 Origin Time 12:23:22.2
 Lat 44.560N
 Long 123.580E
 Depth 33.0N
 mb 5.2
 Ms
 ML
 Source SZGRF
 Northeastern China

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 12:34:10.0	66.3	45.6	0.8	12	5.2		

BRG	e P	Z	12:34:12.6	66.8	46.9	1.1	15	5.1
CLL	e P	Z	12:34:13.3	67.0	46.5	0.8	18	5.3
CLZ	e P	Z	12:34:16.2	67.8	45.0			
WERD	e P	Z	12:34:19.6	67.9	45.8	1.1	16	5.2
MOX	e P	Z	12:34:20.6	68.1	45.4	1.4	22	5.2
MANZ	e P	Z	12:34:22.7	68.3	45.5	1.0	7	4.9
GEC2	e P	Z	12:34:22.0	68.4	46.1	1.4	18	5.1
WET	e P	Z	12:34:23.7	68.5	45.7	1.1	13	5.1
UBBA	e P	Z	12:34:25.0	68.7	44.5			
GRA1	e P	Z	12:34:26.4	68.9	44.9	0.9	30	5.5
BUG	e P	Z	12:34:28.4	69.4	43.0			
STU	e P	Z	12:34:36.3	70.5	43.5	0.4	17	5.5
WLF	e P	Z	12:34:39.9	71.2	41.9	0.6	9	5.1
BFO	e P	Z	12:34:39.6	71.2	42.9	1.1	20	5.1

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/31	13:18:14.6	44.081N	20.355E	10.0G			4.0	SZGRF
Northwestern Balkan Peninsula								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
ARSA	e Pn	Z	13:19:23.0	4.6	131.4					3.8
	e Sn	N	13:20:14.6							
OBKA	e Pn	Z	13:19:24.4	4.7	118.6					4.0
MOA	e Pn	Z	13:19:38.3	5.7	129.5					4.0
	e Sn	N	13:20:40.8							
KBA	e Pn	Z	13:19:38.9	5.7	118.9					
GEC2	e Pn	Z	13:19:52.7	6.6	133.7					3.9
	e Sn	N	13:21:05.3							
WTTA	e Pn	Z	13:19:55.2	6.9	114.4					4.2
	e Sn	E	13:21:11.7							
WET	e Pn	Z	13:20:00.5	7.2	131.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/31	13:21: 3.1	29.500S	176.800W	27.0G		6.9		NEIC
Kermadec Islands region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPdf	Z	13:40:57.0	155.0	14.8					
	e PP	Z	13:44:55.4							
RUE	e PKPdf	Z	13:40:58.9	155.7	22.9					
CLL	e PKPdf	Z	13:40:59.4	157.0	22.3	2.5	193			
	e PKPdif	Z	13:41:10.3			2.3	177			
	e PKPab	Z	13:41:26.9			2.4	309			
	e PP	Z	13:45:05.2							
	e PPP	Z	13:48:39.3							

	e SKKSac	N	13:51:57.4								
	e SKSP	N	13:55:30.1								
	e PPS	Z	13:58:15.5								
	e SS	E	14:04:52.0								
	e SSS	E	14:11:03.7								
	e LR	Z	14:36:34.9								
	e L	Z	15:01:38.2			20.0	17569		6.9		
BRG	e PKPdf	Z	13:40:59.7	157.2	24.7						
	e PKPab	Z	13:41:25.6								
MOX	e PKPdf	Z	13:41:00.8	157.9	19.8						
	e PKPab	Z	13:41:29.5								
WERD	e PKPdf	Z	13:41:01.3	158.0	21.5						
MANZ	e PKPdf	Z	13:41:02.3	158.4	21.5						
	e PKPab	Z	13:41:31.7								
	e PP	Z	13:45:15.2								
TNS	e PKPab	Z	13:41:33.4	158.9	12.8						
GRA1	e PKPdf	Z	13:41:02.5	158.9	19.7						
	e PP	Z	13:45:16.9								
	e L	Z	14:54:08.0			21.6	18477		6.9		
WET	e PKPdf	Z	13:41:02.5	159.0	24.1						
	e PP	Z	13:45:16.7								
GEC2	e PKPdf	Z	13:41:02.4	159.1	26.3						
	e PP	Z	13:45:17.1								
WLF	e PKPdf	Z	13:41:04.2	159.7	7.4						
	e PP	Z	13:45:20.3								
STU	e PKPdf	Z	13:41:04.3	160.2	15.6						
FUR	e PKPdf	Z	13:41:03.8	160.3	21.3						

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/03/31 21:14:40.9 3.900N 126.300E 4.0N 5.8 NEIC
 Talaud Islands, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e Pdiff	Z	21:28:29.7	100.3	69.5					
	e Sdiff	T	21:40:00.5							
BRG	e Pdiff	Z	21:28:31.2	100.8	69.9					
	e Sdiff	T	21:40:03.7							
CLL	e Pdiff	Z	21:28:32.2	101.2	69.1	1.4	41			
	e SKSac	E	21:39:06.5							
	e Sdiff	N	21:40:06.4							
	e SP	Z	21:41:37.1							
	e LR	Z	22:05:20.4							
	e L	Z	22:20:09.9			22.0	4212		5.9	
GEC2	e Pdiff	Z	21:28:35.3	101.6	70.1					
	e Sdiff	T	21:40:12.8							
BSEG	e Pdiff	Z	21:28:35.6	101.7	66.3					
WERD	e Pdiff	Z	21:28:36.2	101.9	68.7					

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WET	e Pdiff	Z	21:28:36.8	102.0	69.4			
	e Sdiff	T	21:40:17.1					
MANZ	e Pdiff	Z	21:28:37.4	102.2	68.6			
	e Sdiff	T	21:40:18.2					
MOX	e Pdiff	Z	21:28:37.1	102.2	68.1			
	e Sdiff	T	21:40:17.1					
CLZ	e Pdiff	Z	21:28:39.2	102.5	66.8			
	e Sdiff	T	21:40:19.8					
GRA1	e Pdiff	Z	21:28:40.7	102.8	67.9			
	e L	Z	22:20:44.4			21.6	3226	5.8
UBBA	e Pdiff	Z	21:28:41.7	103.1	66.7			
FUR	e Pdiff	Z	21:28:43.4	103.3	68.3			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/03/31	21:46:15.5	35.021N	26.700E	43	4.5			NEIC

Crete, Greece

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	21:50:29.5	18.6	137.3					

Format description

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(K. Klinge Email:klinge@szgrf.bgr.de and A. Schick)

In general all regional and teleseismic events clearly recorded with GRF-Array stations and stronger events recorded with stations of the German Regional Seismological Network (GRSN) are included in this bulletin. Additionally, some selected events are analysed more comprehensively at CLL-station and included in the bulletin (ISOP-analyses).

Each event is reported by several EPICENTER LINES with possible COMMENT LINES, a REGION LINE and a block of PHASE LINES.

EPICENTER LINES:

The epicenter locations of several authorities can be reported. The epicenter location with the highest priority (i.e. the most reliable one) is written in the undermost EPICENTER LINE. The REGION LINE and all origin related parameter in the PHASE LINES (i.e. Def, Dist, EvAz) are determined regarding this epicenter location with the highest priority.

Date	Date of the event
Origin Time	Origin time of the event
Lat	Geographic latitude (N/S) of epicenter in degree

Long Geographic longitude (E/W) of epicenter in degree
Depth Depth of the hypocenter beneath the surface in kilometer
 Appended flag indicates the method by which the depth was determined:
 BLANK - free
 N - preset depth of 33 kilometer
 G - geophysicist preset depth
mb, Ms, ML Magnitudes of the event and magnitude type
Source Abbreviations for the authority (e.g. SZGRF, NEIC, SED)

COMMENT LINE:

Each EPICENTER LINE can be followed by a COMMENT LINE about interesting topics submitted by the preceding authority.

REGION LINE:

The region name of the epicenter location with the highest priority (undermost EPICENTER LINE).

PHASE LINE:

Sta Station code of the reported phase
Phase Preceded flag for the sharpness of the onset of the phase
 e - emergent
 i - impulsive
 w - weak
ISC phase code
Component where the phase was picked

Time Arrival time of the reported phase
Dist Distance from the epicenter location with the highest priority to the station in kilometer
BAz Backazimuth from the epicenter location with the highest priority to the station in degree
T[s] Phase Period
A[nm] Phase Amplitude
mb Body wave magnitude
MS Surface wave magnitude
ML Local Richter magnitude